

Lo stile nella copertura



MAGNIPLAST
s.p.a.

CHI SIAMO

Magniplast nasce nel 1967:

è un'azienda manifatturiera che attraverso impianti di propria tecnologia produce il vetroresina con il marchio VETROPLAST.

Nel 1969, in aggiunta ai primi impianti, ne acquisisce altri con il marchio FILON.

Il FILON è il laminato traslucido che vanta oltre un miliardo di metri quadrati venduti nel mondo e rappresenta il vetroresina più apprezzato per la sua qualità.

Nell'arco degli anni attraverso la ricerca e l'apporto di nuovi impianti e tecnologie arricchisce la gamma con i prodotti a marchio TOTALUX e TOPACO ed ultimamente inserisce nella stessa un nuovo prodotto coibentato "FILONTOP".

La missione dell'azienda è quella della QUALITÀ cui attribuisce il maggiore dei valori commerciali e che è attestata oggettivamente dalle certificazioni che sempre più arricchiscono il patrimonio di diversificazioni delle offerte al mercato nell'ambito della vetroresina.

Il patrimonio di esperienze e conoscenze è ottenuto attraverso la capacità e la costanza di un gruppo di professionisti sempre pronti a interpretare al meglio le esigenze ed i fabbisogni dei clienti, professionisti stimolati anche dai successi e dall'entusiasmo della proprietà.

Infatti, anche con lo scopo di meglio garantire quegli standard qualitativi che ha da sempre voluto assicurare alla sua clientela, la Magniplast investe dando vita ad un'azienda parallela produttrice di resina che assicura la continuità di prodotto ed uno sviluppo non solo legato alle performances degli impianti ma anche alle capacità di sviluppo di tipo chimico .

Oggi Magniplast rappresenta non solo l'azienda chiave nella produzione di elementi in vetroresina per coperture e per l'edilizia in generale, ma anche l'azienda cui far riferimento per la ricerca di soluzioni personalizzate e di nuovi prodotti.





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COSA PRODUCIAMO

MAGNIPLAST S.p.A. produce laminati traslucidi ed opachi di vetroresina.

Possono essere laminati piani o ondulati confezionati in rotoli, oppure possono essere lastre rette o curve ondulate o grecate confezionate in pallets.

Il laminato è un materiale composito infatti esso è composto di resina poliestere insatura, normalmente ortoftalica, rinforzata con fibra di vetro tipo "roving" che viene amalgamata con colori, catalizzatori e agenti stabilizzanti alla luce .

Nella produzione di Magniplast il processo di laminazione con cui viene data forma al prodotto utilizza l'alta temperatura per ottenere il suo indurimento o polimerizzazione.

Tale lavorazione a caldo facilita il legame molecolare rendendo più stabile e più sottile il prodotto in quanto privo di residui non legati oltre a permettere un buon punto di rifrazione tra resina e vetro.

La caratteristica presenza dei fili distribuiti a circa 10 mm formano un reticolo che ingabbia le fibre di vetro e l'arricchimento di resina con il quale proteggiamo la superficie del prodotto firmano l'intera linea produttiva.

Per i motivi sopra detti il prodotto FILON possiede un'ottima resistenza termica, eccezionali proprietà meccaniche di impermeabilità, di lunga durata, di leggerezza, di facilità di posa, di resistenza alla corrosione ed alle nebbie saline; proprietà che lo rendono particolarmente indicato all'impiego in copertura, plafonatura, lucernari, rivestimenti, finestrate, verande, serre ecc. o adatto ad impieghi particolari dove siano richieste tali specifiche e peculiari qualità.

SAPPIAMO PROTEGGERE IL PRODOTTO

Secondo le richieste del cliente rafforziamo la protezione superficiale della lastra con arricchimento di resine particolarmente tenaci: gel coat, oppure con pellicole di protezione: melinex.

Secondo le richieste del cliente, ed entro certi limiti di spessore, diamo forma a prodotti autoestinguenti additivati di ritardanti di fiamma in linea alle norme di reazione al fuoco.

SAPPIAMO DOSARE E FILTRARE LA LUCE

Secondo le richieste del cliente, addittiviamo la resina con colori così da soddisfare le esigenze di dipingere e fiorire di colore spazi diversi da quelli tradizionali.

Secondo le richieste del cliente, addittiviamo la resina con cariche inerti così da soddisfare le esigenze di prodotti completamente opachi alla luce.

ESALTIAMO LE PECULIARITÀ DEL PRODOTTO

Secondo le richieste del cliente impregniamo la resina con bassissime percentuali di fibra di vetro così da rendere il prodotto leggero come ali di farfalla.

Secondo le richieste del cliente impregniamo la resina con alte percentuali di fibra di vetro così da rendere il prodotto adatto ad impieghi di tipo strutturale.

Secondo le richieste del cliente componiamo le lastre in vetroresina così da renderle isolanti.

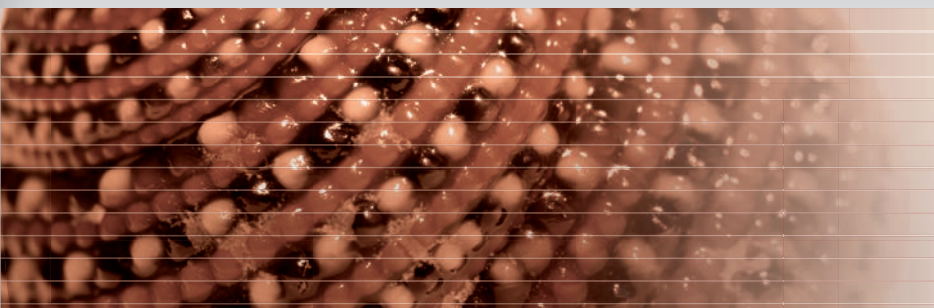
I NOSTRI MARCHI



FILON[®]



vetroplast[®]



TOPACO[®]



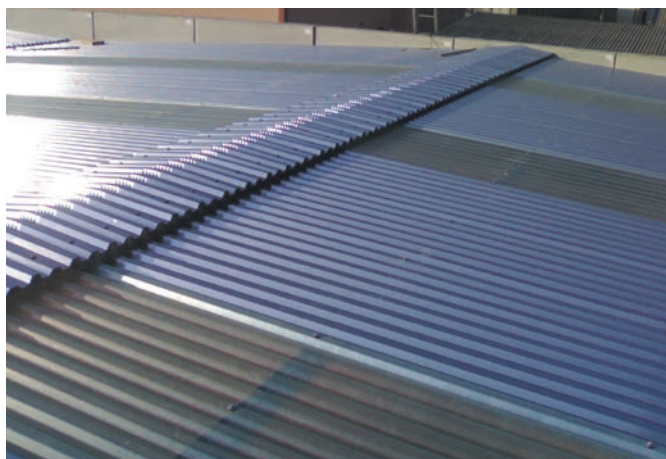
FILONTOP[®]



TOTALUX[®]

È il laminato traslucido più famoso e più venduto nel mondo per le sue caratteristiche universalmente riconosciute. Con la presenza del filo, è stato il primo prodotto a garantire una buona distribuzione delle fibre di vetro.

Nel tempo, il filo è diventato immagine. Esso è sinonimo di qualità, di uniformità e costanza. Il Filon è il processo produttivo che è stato, ed è, prodotto in molti paesi: dall'America ... al Giappone e, in Europa, solo dalla MAGNIPLAST S.p.A.



- È il punto luce duraturo più economico, più semplice e più facile per illuminare, proteggere e colorare.
- Può essere usato da solo o in abbinamento ad altri prodotti per infinite applicazioni: coperture, soffittature, plafonature, ecc. Permette impieghi con temperature tra - 40°C e + 140°C
- Ottimo comportamento alla pioggia, vento, grandine, neve.
- Ottima resistenza alla corrosione ed alla stragrande maggioranza degli agenti chimici.
- Ottima stabilità dimensionale.
- Eccezionale trasmissione di luce diffusa.
- Leggerezza coniugata a solidità.
- È un prodotto non gocciolante in caso di incendio.

Utilizzi

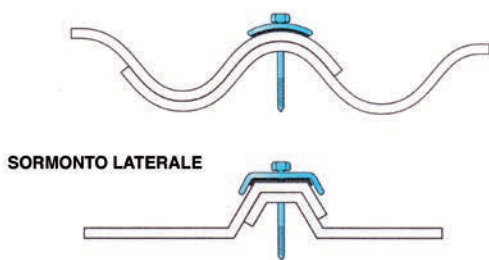
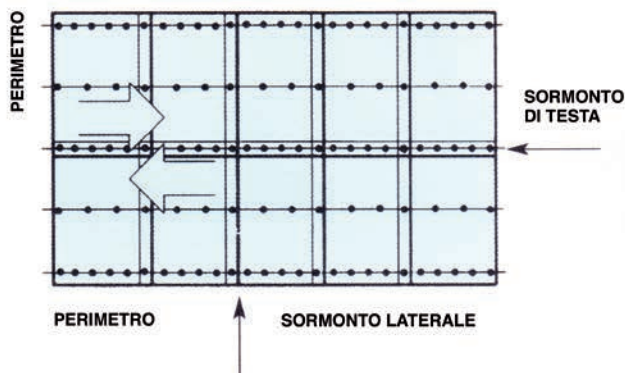
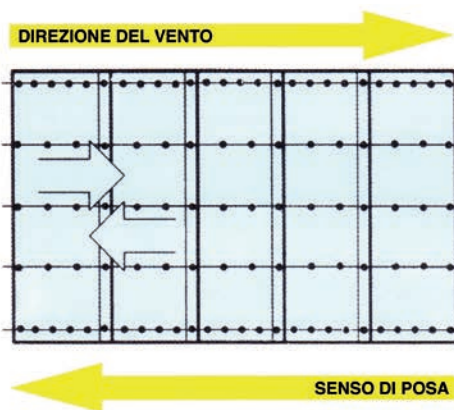
coperture industriali, artigianali, terziari, civili, tettoie, verande, serre, stalle, ricoveri agricoli, soffittature, garage, parcheggi, passaggi pedonali, rivestimenti verticali, mantovane, timpani, finestrate, tamponamenti, allestimenti fieristici, sagre, stand in genere, scenografie, insegne pubblicitarie, pannelli sandwich per celle frigorifere, banchi frigorifero, camion frigorifero, torri di raffreddamento, pannelli filtro per depurazione acque, ecc.

	L (m)	H (m)	kg/m ²	SPESSORE mm	COLORI STANDARD
	Vedere profilario pag. 20	Max. trasportabile	Vari	÷ Max 2 mm ~	Neutro Opalino Bianco Azzurro

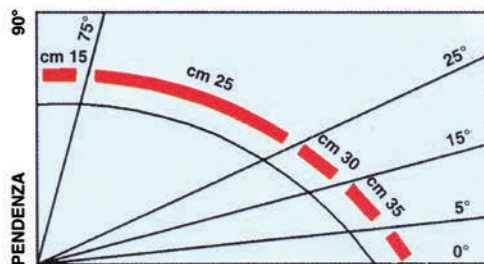
Sormonti lastre rette

Il sormonto è sempre contrario alla direzione del vento. Tutti i sormonti laterali vanno sempre fissati in corrispondenza del correntino di appoggio. Le sporgenze laterali sono escluse. Tutto il perimetro della copertura deve essere perfettamente bloccato su tutte le greche/onde così come tutti i sormonti trasversali.

I fissaggi intermedi sono in funzione della greca/onda. Evitare greche/onde libere per più di un correntino. I sormonti laterali e trasversali sono in funzione della pendenza e dell'onda/greca prescelta. Le sporgenze in gronda consigliate max 20 cm. Regola base per basse pendenze: scegliere onde/greche alte. In caso di utilizzo di onde o greche basse, prevedere il sormonto di due onde o greche e la loro sigillatura.



SORMONTO DI TESTA IN FUNZIONE DELLA PENDENZA



È uno dei primi prodotti in rotoli apparso sul mercato all'inizio degli anni '50. Con noi ha avuto la sua evoluzione nella qualità e si è distinto per la caratteristica presenza del filo sia nel tipo ondulato che nel tipo piano.

Oggi il Vetroplast è allineato alla qualità "Filon" al quale abbiamo trasferito tutta l'esperienza. Nonostante il prodotto abbia ormai compiuto più di mezzo secolo di vita rappresenta ancora oggi la soluzione per praticità, durevolezza ed economicità più venduta al mondo. La vastissima gamma di altezze, lunghezze e colori soddisfano in larga parte le richieste di mercato.



	L (m)	H (m)	kg/m ²	SPESSORE mm	COLORI STANDARD
	5	0,50 - 0,75	1,00	0,70 0,90 1,00 ÷ max 1,50	Neutro Verde Bianco
	10	1,00 - 1,25			
	15	1,50 - 1,75			
	20	2,00 - 2,25			
	30	3,00			
	40	3,25 - 3,50			
	40	3,75 - 4,00			
	5	1,00	0,90	0,70 0,90 1,00 1,50 2,00	Blu Giallo
	10	1,25			
	15	1,50			
	20	1,75			
	30	2,00			
	40	2,50			
	40	3,00			

È una lastra retta in P.R.F.V. totalmente opaca. È ottenuta con il processo produttivo ad alta temperatura.

Il Topaco ha trasmissione di luce zero e soddisfa tutte quelle esigenze di copertura o di rivestimento, dove la scelta è dettata da caratteristiche di resistenza, di durata e di colore così da creare ed ottenere un ottimo effetto estetico.



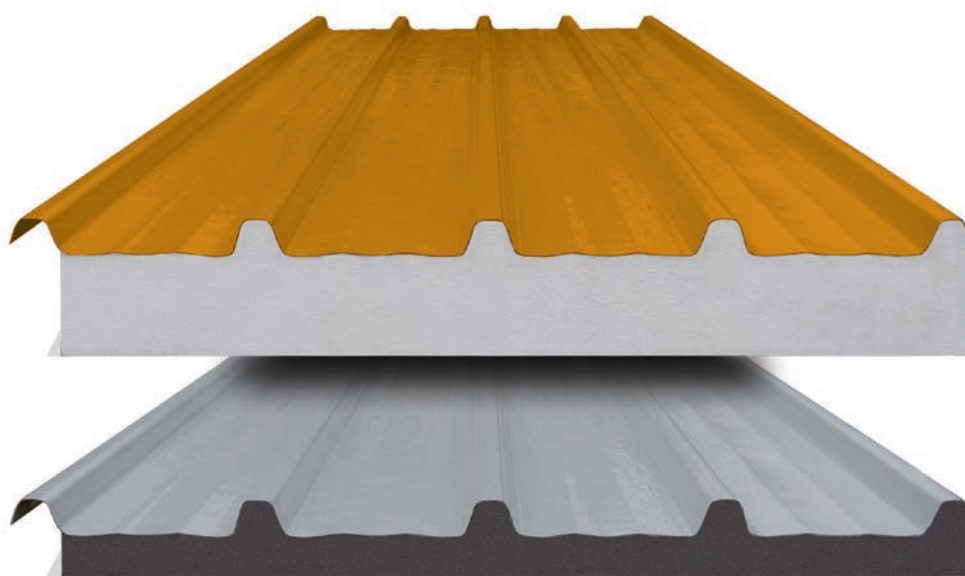
- La lastra Topaco si presenta come un'ottima alternativa alle coperture tradizionali: è leggera, resistente, in modo tale che il peso non gravi pesantemente sulle strutture portanti.
- È disponibile in molti profili Magniplast, con vari spessori, colori ed in misure fino al max trasportabile.
- Resiste a temperature di impiego da -40°C a $+140^{\circ}\text{C}$.
- Ha una scarsissima dilatazione termica, si comporta egregiamente a contatto con la stragrande maggioranza degli agenti chimici, con gli agenti atmosferici e non arrugginisce.
- Il colore della lastra Topaco è impregnato nella resina e nel vetro e costituisce un tutt'uno con il prodotto finito.

	L (m)	H (m)	kg/m ²	SPESORE mm	COLORI
	Vedere profilario Pag. 20	Max. trasportabile	Vari	1,20 1,50 2,00 2,50	Rosso Grigio Verde Nero Senape Marrone Colori a richiesta

Perseguire le tendenze di mercato e garantire un prodotto che assicurasse oltre che una resistenza nel tempo ed un pregevole aspetto estetico anche un buon isolamento termico, è stato introdotto FILONTOP.

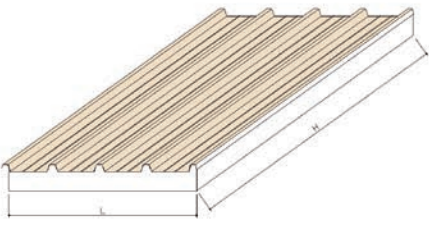
Pannello da copertura molto versatile, autoportante, totalmente lavabile, di facile installazione e dalle infinite opportunità applicative.

Ideale per applicazioni in ambienti agricoli, in vicinanza del mare ed in contesti industriali e civili caratterizzati da agenti chimici particolarmente aggressivi.



L'isolamento in polistirene sinterizzato, materiale imputrescibile, che non perde le sue peculiarità con l'invecchiamento è una sicurezza in termini di durata del prodotto nel tempo, così come l'utilizzo di colle poliuretatiche monocomponenti appositamente selezionate assicurano una forte tenuta e resistenza meccanica.

La grandissima versatilità di FILONTOP consente al prodotto di essere disponibile sia nella forma retta che curva, con raggi di curvatura variabile.

	L utile (m)	H max (m)	SPESSORE mm	COLORI
	1	6	40,00 60,00 80,00 100,00 120,00	Rosso Grigio Colori a richiesta

Caratteristiche del pannello con Polistirene Espanso Sinterizzato - EPS

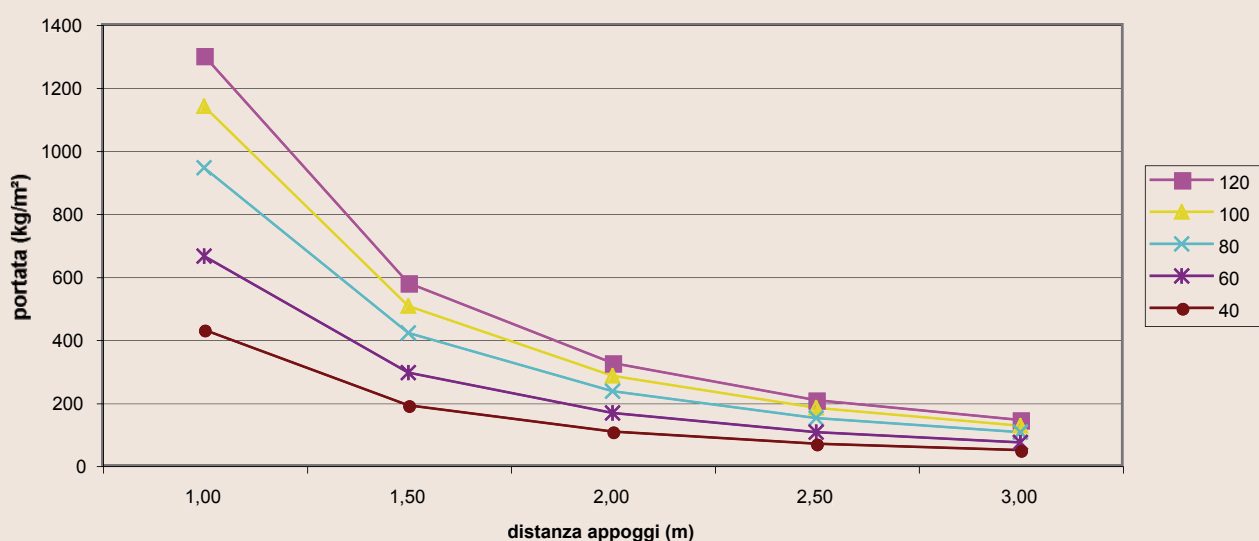
Spessore (mm)	Conducibilità termica λ (W/mK)	Trasmittanza termica U (W/m²K)	Densità EPS (kg/m³)
40	0,038	0,95	20
60	0,038	0,63	20
80	0,038	0,47	20
100	0,038	0,38	20
120	0,038	0,31	20

Caratteristiche del pannello con Polistirene Espanso Sinterizzato additivato con grafite - NEOPOR

Spessore (mm)	Conducibilità termica λ (W/mK)	Trasmittanza termica U (W/m²K)	Densità EPS (kg/m³)
40	0,031	0,77	20
60	0,031	0,51	20
80	0,031	0,38	20
100	0,031	0,31	20
120	0,031	0,24	20

TABELLA DI PORTATA - Valori ammissibili

 Spessore (mm)	DISTANZA DAGLI APPOGGI INTERNI IN METRI (CARICO UNIFORMEMENTE DISTRIBUITO kg/m²)				
	1,00	1,50	2,00	2,50	3,00
40	430	191	108	69	48
60	664	295	166	106	74
80	945	420	236	151	105
100	1139	506	285	182	127
120	1301	578	325	208	145

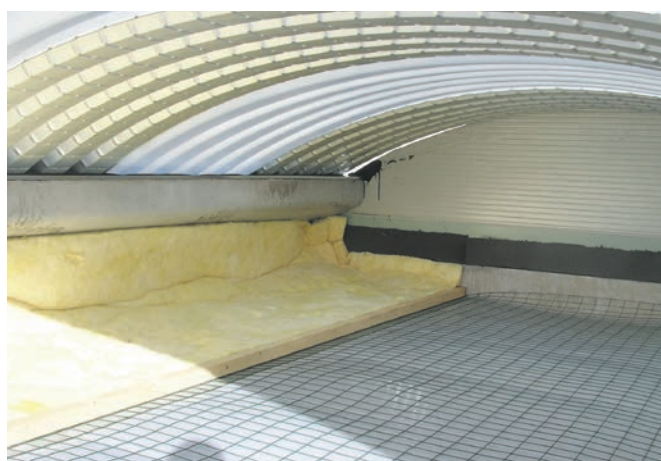


Condizioni di portata

I valori riportati in tabella si riferiscono a prove di portata realizzate caricando i pannelli con sacchi di sabbia uniformemente distribuiti e non considerano restrizioni relative alla freccia. I pannelli sono stati fissati agli appoggi con apposite viti e cappellotti ad ogni greca.

Il contenuto della presente tabella è da considerarsi di massima e con semplice valore indicativo. È competenza del progettista/utilizzatore procedere, per i singoli casi d'impiego, al relativo calcolo strutturale.

TOTALUX è la lastra in vetroresina translucida che nasce curva. È il lucernario a luce totale senza strutture di sostegno totalmente autoportante. Totalux riesce a soddisfare qualsiasi esigenza di copertura curva: sia strutture prefabbricate in C.A.P. che carpenterie metalliche.



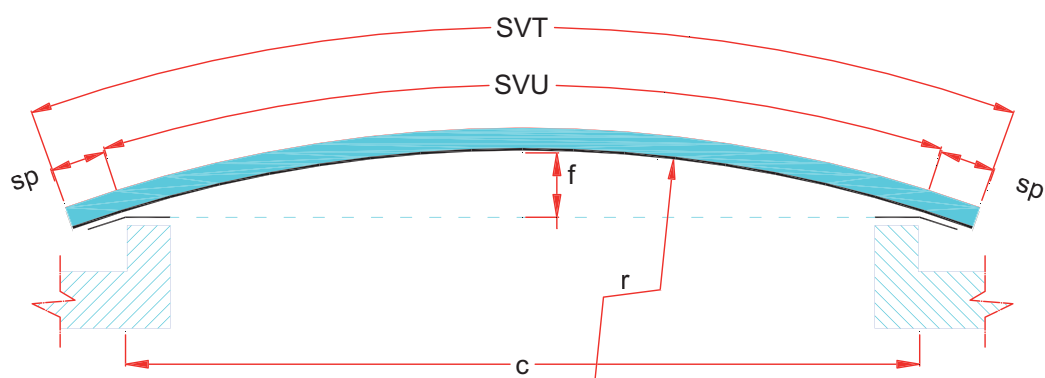
- I profili disponibili, sia ondulati che grecati, permettono l'accoppiamento con la quasi totalità delle lastre e dei pannelli curvi offerti dal mercato delle coperture.
- La gamma è articolata su 4 raggi di curvatura: 3,0 mt – 5,5 mt – 7,0 mt – 13 mt
- le lastre curve Totalux sono disponibili nelle differenti colorazioni neutro, opalino, bianco ed azzurro.

	L (m)	SVT max (m)	R (m)	kg/m ²	SPESSORE (mm)	COLORI
	Vedere profilario Pag. 15	4,70 7,20 8,35 7,50	3 5,5 7 13	Vari	÷ max 2 mm	Neutro Opalino Bianco Azzurro

È la lastra precurvata in P.R.F.V. totalmente autoportante. Può coprire fino a 6 metri di luce netta. È il lucernario a luce totale senza strutture di sostegno. È esattamente come una lastra di Filon, curva anziché retta. È economica e resistente grazie alle eccezionali qualità intrinseche del P.R.F.V. per lucernari.

Ad oggi TOTALUX rappresenta la migliore soluzione traslucida su coperture curve in termini di portata, anche su ampie luci. La posa risulta facile e veloce, non è richiesta nessuna asola particolare o altri accorgimenti per proteggere le lastre dalle dilatazioni termiche che rimangono minime.

SCHEMA DI POSA



LEGENDA

SVT = sviluppo totale	f = freccia
SVU = sviluppo utile	c = corda
Sp = sporto	r = raggio

	r (m)	r 3	r 5,5	r 7	r 13
SVT } c } max f }	cm				
	SVT	4,70	7,20	8,35	Non autoportanti - calcolare appoggi come per rette
	c	4,09	6,48	7,70	
f	0,80	0,93	1,15		

PORTATE - Le portate delle lastre di copertura in kg/m² con carico uniformemente distribuito (Q), sono regolamentate da ogni singola nazione per ogni eventuale singola zona o per ogni eventuale altitudine. Due sono i dati normalmente noti: la portata (Q) e la corda (c) o distanza tra gli appoggi su cui verrà fissata la lastra. Nota la portata (Q) e la corda (c), si sceglie il profilo più idoneo per forma, peso/m² (spessore) e per il raggio di curvatura (r), che assolve alle esigenze richieste. La nostra gamma di produzione di profili, diversi tra loro per forma, pesi (spessori), sviluppo totale (SVT) ed in quattro raggi di curvatura (r), soddisfano le più svariate esigenze di portata. Sono a disposizione le schede di portata per ogni singolo profilo.

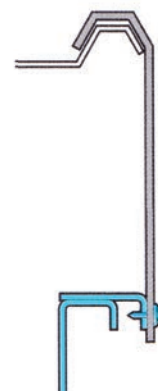
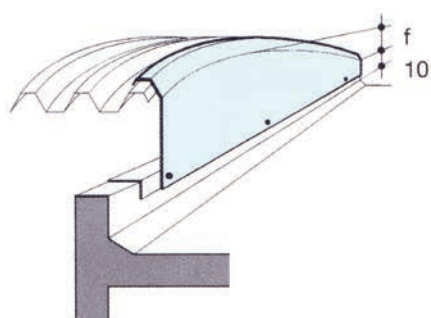
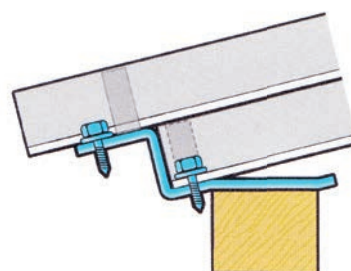
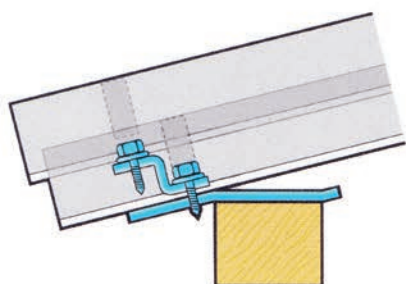
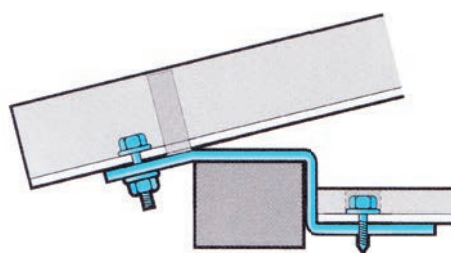
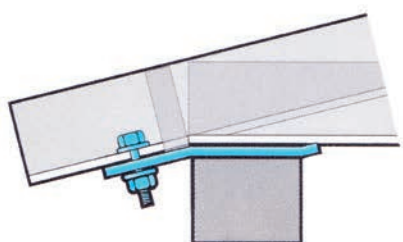
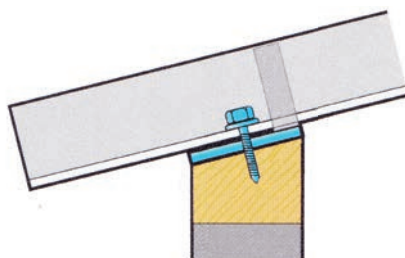
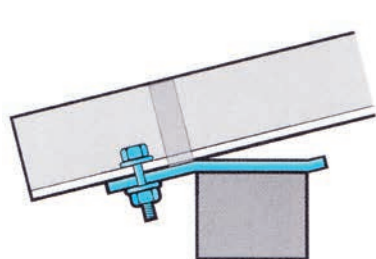
Sono possibili
tutti i valori intermedi
di cm in cm

Le misure
dello SVT prevedono
uno sporto di
15 cm per c ≤ 3,50 m
di 10 cm per c > 3,50 m

Tab. 1 - Esempi di corde, sviluppi e frecce

r. 3			r. 5,5			r. 7			r. 13		
c cm	SVT cm	f cm	c cm	SVT cm	f cm	c cm	SVT cm	f cm	c cm	SVT cm	f cm
100	130	4,2	100	130	2,3	100	130	1,8	100	130	1,1
105	135	4,6	120	150	3,3	120	150	2,6	110	140	1,2
115	145	5,6	140	170	4,5	140	170	3,6	120	150	1,4
120	150	6,0	160	190	5,9	160	190	4,6	130	160	1,7
130	160	7,1	180	210	7,5	180	210	5,9	140	170	1,9
135	166	7,7	200	231	9,2	200	230	7,2	150	180	2,2
145	176	8,9	220	251	11,2	220	250	8,7	160	190	2,5
150	181	9,5	240	272	13,3	240	270	10,4	180	210	3,1
160	191	10,9	260	292	15,6	260	291	12,2	200	230	3,9
165	197	11,6	280	313	18,2	280	311	14,2	220	250	4,7
175	207	13,0	300	334	20,9	300	331	16,3	240	270	5,6
180	212	13,8	320	355	23,8	320	352	18,6	260	290	6,5
190	223	15,5	340	376	27,0	340	372	21,0	280	310	7,6
195	228	16,3	360	386	30,3	360	383	23,6	300	330	8,7
205	239	18,0	380	407	33,9	380	404	26,3	320	350	9,8
210	244	19,0	400	429	37,7	400	425	29,1	340	370	11,0
220	255	20,9	420	450	41,6	420	446	32,3	360	380	12,4
225	260	21,9	440	472	45,9	440	468	35,5	380	400	13,8
235	271	24,0	460	494	50,4	460	489	38,9	400	421	15,3
240	276	25,0	480	516	55,1	480	511	42,5	420	442	17,1
250	287	27,3	500	539	60,1	500	532	46,2	440	462	18,7
255	293	28,5	520	561	65,3	520	554	50,1	460	482	20,5
265	304	30,8	540	584	70,8	540	576	54,2	480	503	22,3
270	310	32,2	550	597	73,7	560	598	58,5	500	523	24,3
280	321	34,7	560	607	76,6	580	622	62,9	520	543	26,1
290	332	37,4	570	620	79,6	600	643	67,7	540	564	28,3
310	356	43,2	580	631	82,7	620	662	72,4	560	584	30,5
320	367	46,2	590	642	85,8	640	684	77,4	580	605	32,7
340	391	52,8	600	654	89,0	660	707	82,7	600	625	35,1
350	403	56,3	610	666	92,3	680	730	88,1	620	646	37,5
370	418	63,8	620	678	95,7	700	753	93,8	640	666	40,0
380	431	67,8	630	690	99,1	720	770	99,7	660	687	42,6
390	444	72,0	640	703	102,7	740	799	105,8	680	707	45,2
400	458	76,4	650	715	106,3	760	823	112,1	700	728	48,0
409	470	81,0	655	720	108,1	770	835	115,4	720	750	50,0

PROFILO	L		SORMONTO	R			
	standard	maggiorata		disponibilità			
				3	5,5	7	13
cod. 024 L177 / 51 FIBROCEMENTO - P8	1096	1146 1180		•	•	•	•
cod. 026 L146 / 48 FIBROCEMENTO - P7	1054	1104 1154			•	•	•
cod. 030 G265 / 69 M.P.	880				•	•	•
cod. 041 G112 / 28 ALUBEL - ALU 28	1000	1230		•			
cod. 070 G200 / 40 M.P.	1050			•			
cod. 087 G100 / 40 KORRUGAL - 40-40W-100	947	997		•	•	•	•
cod. 102 G75 / 20 KORRUGAL - TRP 20/75	1123	1163			•	•	•
cod. 273 G167 / 33 COPERNIT - COPERALL 7.33	1055		 	•			



ACCESSORI DI FISSAGGIO DEI LAMINATI PRFV

I laminati in PRFV possono essere fissati con accessori standard normalmente impiegati per il fissaggio di altri prodotti come lamiera, alluminio, fibrocemento ecc. Per valorizzare i nostri prodotti e per una migliore estetica delle opere eseguite con i nostri materiali, si può distinguere l'uso degli accessori come segue:

Laminati traslucidi Filon e Vetroplast

Il fissaggio avviene:

Con barrette di acciaio o con viti autofilettanti, automaschianti, auto perforanti o viti a legno la cui lunghezza è determinata dall'altezza dell'onda e dalla tipologia della struttura sottostante.

Il bloccaggio avviene per:

Lastre ondulate e rotoli ondulati, con piastrine romboidali in acciaio bombate e dotate di guarnizioni

Lastre grecate con cavallotti in acciaio dotati di guarnizioni

Rotoli piani con piastrine in acciaio circolari piane dotate di guarnizioni.

Laminati opachi Topaco

- Il fissaggio avviene come sopra
- Il bloccaggio avviene, per profili ondulati e grecati, con piastrine bombate e cavallotti speciali, in acciaio e colorati come le lastre.

Laminati traslucidi Totalux

- Per corda inferiore a 4 m
- Viti autofilettanti, automaschianti, auto perforanti o viti a legno con rondella in acciaio circolare piana.
- Per corda maggiore a 4 m
- Bulloni con dado e doppia rondella circolare in acciaio.

FILON VETROPLAST



FILON VETROPLAST



FILON



VETROPLAST



TOTALUX



TOPACO E FILONTOP





GEL-COAT

È uno strato superficiale di resina speciale con funzione protettiva del laminato. La sua applicazione avviene in fase di produzione e il suo legame con la resina poliestere base è a livello molecolare, quindi inscindibile.

MELINEX

È un film di polietilene tereftalato modificato che serve come pellicola protettiva del laminato la cui natura è diversa dalla matrice. L'aderenza alla superficie avviene durante la fase di produzione, per calore.

COLORI

Per necessità produttive, sono richieste delle quantità minime: >1000 m² per le lastre, > 2000 m² per i rotoli. Si ricorda che i colori possono avere alterazioni nel tempo, per esposizione alla luce, calore ed agenti atmosferici.

AUTOESTINGUENTE

Si richiedono, per esigenze produttive, minimo 1000 m². Le caratteristiche tecniche del prodotto autoestinguente sono diverse dal prodotto standard. Il materiale potrebbe s fibrare e virare di colore più precocemente.

La MAGNIPLAST può produrre lastre e rotoli con vari livelli di autoestinguenza. È possibile produrre il materiale autoestinguente in accordo con le più importanti normative in vigore, tra cui:

- Europee: EN 13501-1 ed EN 13501-5
- Italiane: in accordo con D.M. 26/06/84
- Tedesche: DIN 4102-1 e DIN 4102-7
- Francesi: NF P 92-501

TAGLIO A MISURA

sia su rotoli che su lastre.

ETICHETTATURA

o senza/nostre/vostre etichette o marchiatura a getto di inchiostro.

ORDINI

su commessa o secondo disponibilità a stock.

MAGNIPLAST inoltre può produrre i suoi laminati in accordo con la normativa EN 1013-2 (quattro categorie) ed EN 1013-1.



RACCOMANDAZIONI PER I LAMINATI PRFV

- Temperature di impiego tra - 40°C e + 140°C
- Movimentare nel rispetto delle norme di sicurezza
- In attesa del montaggio conservare al coperto, ove impossibile zavorrare
- Non pedonabile, camminare con ausilio di adeguate passerelle
- Maneggiare con adeguati strumenti antinfortunistici ed in assenza di vento forte
- Forare con attrezzi che realizzino fori netti, fissando sulla sommità della greca o dell'onda
- Tagliare con attrezzature idonee tipo dischi diamantati ecc.
- Mantenere pulita la superficie utilizzando prodotti compatibili con il PRFV
- Riparare rotture o fori con resina e fibra di vetro
- Non usare fiamme o inneschi di fiamma nelle vicinanze
- Il PRFV è classificato non gocciolante in caso di incendio

La MAGNIPLAST S.p.A. declina ogni responsabilità per l'uso improprio dei suoi prodotti e si riserva il diritto di aggiornare, cambiare o modificare il contenuto del presente catalogo senza obbligo di alcun preavviso.

CARATTERISTICHE TECNICHE FILON

Caratteristiche	Unità di misura	Valore	Norma di riferimento
Presenza fili paralleli	mm	~ 10	
Massa	gr/cm ³	1,42	ASTM D-792
Rinforzo di vetro	%	~ 27	
Temperature d'impiego	°C	-40 +140	
Trasmissione di luce	%	87 - 90	ASTM 1494
Trasmissione spettro UV	%	~ 19	
Trasmissione spettro IR	%	~ 87	
Trasmissione spettro visibile	%	~ 89	
Energia solare trasmessa	%	~ 86	
Coefficiente di cond. termica (λ)	W/mK	0,15	EN 12667
Trasmittanza termica (U)	W/m ² K	~ 5	
Resistenza a trazione	N/mm ²	123,6	ASTM D-638
Resistenza a compressione	N/mm ²	129,4	ASTM D-695
Resistenza a flessione	N/mm ²	185	EN 1013-2
Modulo elastico a flessione	N/mm ²	~ 6000	EN 178
Rigidità dielettrica	KV/mm	30,1	ASTM D-149
Costante dielettrica		4	ASTM D-150
Fattore di dissipazione		0,011	ASTM D-150
Coefficiente di dilatazione termica lineare	°C ⁻¹	3,2x10 ⁻⁵	ASTM D-696
Assorbimento d'acqua	%	0,4	ASTM D-570
Potere fonoisolante (Rw)	dB	19	EN 717-1
Resistenza alla grandine - Velocità media a rottura (H50)	m/s	33	EN 1013-1
Durezza Rockwell	HRM	98	ASTM D-785
Temperatura di accensione fiamma	°C	404,4	
Temperatura di autoignizione	°C	487,8	
Infiammabilità	cm/min	<6	

N.B.: La maggior parte delle caratteristiche sopra riportate si riferiscono ad un materiale Filon standard dello spessore di ~ 1,00mm

Resistenza e comportamento agli agenti chimici		
Agente	Comportamento	Sconsigliati
Sali	eccellente	
Acidi	ottimo	H ₂ CrO ₄ (concentrazione 30%) HF (concentrazione 20%) HNO ₃ (concentrazione 30%) - H ₂ SO ₄ · SO ₃ - H ₂ SO ₄ (concentrazione 96%)
Alcoli	ottimo	
Solventi	buono	C ₃ H ₆ O - C ₆ H ₅ CHO - C ₆ H ₆ - CHCl ₃ - C ₂ H ₅ Cl - C ₂ H ₄ Cl ₂ - (C ₂ H ₅) ₂ O - CH ₂ Cl ₂ - C ₄ H ₈ O - C ₆ H ₅ NO ₂ - C ₇ H ₈ - C ₈ H ₁₀
Alcali	buono	
Candeggianti	discreto	
Gas	discreto	Br ₂
Composti organici	discreto	C ₃ H ₃ N - C ₅ H ₁₀ O - C ₄ H ₈ O ₂ - C ₆ H ₆ O - C ₅ H ₅ N

N.B.: Le condizioni variano da zona a zona e da opera a opera. Le nostre informazioni sulla resistenza agli agenti chimici è puramente indicativa e non possono costituire prova. È importante conoscere la percentuale di concentrazione degli agenti chimici, la temperatura ambientale e le condizioni climatiche del luogo di applicazione considerato. Più esatta sarà la conoscenza più (esatta) sicura sarà la scelta.

Trasmissione luce	
Colori	% Luce
Neutro	88 %
Giallo	87 %
Verde	77 %
Blu	75 %
Opalino	57 %
Bianco latte	19 %

Tolleranze	
PASSO D'ONDA	± 3 mm
ALTEZZA D'ONDA	± 2 mm
SQUADRATURA	< 4 mm/m
LARGHEZZA	+ 10 ÷ - 5 mm
ALTEZZA	+ 10 ÷ - 5 mm fino a 5 m di altezza ± 5 mm ogni 5 m o frazione
MASSA	± 7,5%
SPESSORI	± 12% (media) ± 24% valori singoli ammessi
FIBRE DI VETRO	- 2 ÷ + 5%
TRASMISSIONE LUCE	± 5%

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NAZIONALITÀ		PRODUTTORE	PROFILO		SCHEDA	
			Sigla produttore	Sigla Magniplast		
ALGERIA	DZ	ENCC	TN 40	G 178/40-160	5	
			TR 35	G 207/35-171	6	
ARABIA SAUDITA	SA	AL SAADEH		L 68/18S-290	9	
AUSTRIA	A	AUSTROPROFIL	TR 32/215	G 215/32-107	4	
			FIBROCEMENTO	P 5	L 177/51-023	1
				P 6	L 177/51-024	1
				P 7	L 146/48-026	1
		P 8 - P 9		L 130/30-088	3	
		ZEMAN	TR 46 A	G 160/46-129	4	
			TR 105 S	G 580/90-130	4	
			TR 105	G 284/85-148	5	
				TR 40/183	G 183/42-191	6
				TR 35/207	G 207/34-192	6
		BAHREIN	BRN	GARMCO	PROFILE A	G 127/38-242
BELGIO	B	FIBROCEMENTO	P 5	L 177/51-023	1	
			P 6	L 177/51-024	1	
			P 7	L 146/48-026	1	
			P 8	L 130/30-088	3	
				L 148/45-176	6	
		JORIS IDE	G 251/36-01T	11		
		METALPROFIL	T 42/333	G 333/42-172	6	
		ONDULINE	90/35	L 90/35-018	1	
			89/29	L 89/29-094	3	
			94/38	L 94/35-239	8	
		Rep. CECA	CK	KINGSPAN	KS 1000 RW	G 333/35-02L
KS 1000 RW	G 333/35-05R				12	
KS 1000 RW/GP 40 inf.	G 225/34-03Z				12	
KS 1000 RW/GP 40 sup.	G 333/35-03V				12	
KS 1000 FF/GP 40 inf.	G 250/34-03U				12	
KS 1000 FF/GP 40 sup.	G 250/34-03T				12	
RANNILA VELVARY	RAN 20V			G 120/18-02N	11	
SATJAM	SAT 35			G 207/35-02F	11	
	SAT 18R			G138/16-02I	11	
VIKAM	TR 40S\160			G 160/36-02D	11	
	TR 20\137,5			G 138/17-02E	11	
EGITTO	ET	ALPHA GLASS	ALPHA 1	G 250/38-013	1	
			ALPHA 2	G 333/35-019	1	
		WADI ELNEEL	G 237/40-108	4		
FRANCIA	F	DELGA	ASP/4-104/92	G 104/4-02R	11	
			ASP/35-301/99	G 301/35-02T	11	
		FIBROCEMENTO	P 5	L 177/51-023	1	
			P 6	L 177/51-024	1	
			P 7	L 146/48-026	1	
			P 8	L 130/30-088	3	
		HAIRONVILLE	EN 4.250.35	G 250/35-02P	11	
			HACIERCO 333-45	G 333/45-084	3	
			HACIERCO 333-39 T	G 333/39-140	5	
			HACIERCO 207-35	G 207/34-192	6	
			HACIERCO 1000	G 250/40-196	6	
			HACIERCO 3.366.45 T	G 366/44-249	8	
				G 207/31-292	9	
		MEISSONNIER	4 x 250 x 33	G 250/33-269	8	
		METAL SA	PROFIL 1000	G 250/35-272	9	
		MONOPANEL	COBACIER 1004	G 250/40-196	6	
			COBACIER 1004 inf.	G 250/90-03H	11	
			COBACIER 1105	G 220/24-207	7	
		ONDULINE	94/38	L 94/35-239	11	
		PAB-SOLLAC	NERGAL 840	G 280/25-057	2	
			NERVESCO 1000 T	G 333/45-084	3	
			NERVESCO 3.35.1000	G 333/35-201	7	
		PROFILACIER	5.1000/35	G 200/35-251	8	
			5.1060/30	G 212/30-260	8	
		SIDMUR	25/1100-5	G 220/24-207	7	
		S.M.P.F.		G 250/38-01Z	11	
		SOLLAC	NERGAL 840	G 280/25-057	2	
			NERVESCO 1000 T	G 333/45-084	3	
			NERVESCO 25/1070 B	G 267/25-197	6	
			NERVESCO 3.35.1000	G 333/35-201	7	
			NERVESCO 25/1085	G 181/24-208	7	

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NAZIONALITÀ	PRODUTTORE	PROFILO		SCHEDA		
		Sigla produttore	Sigla Magniplast			
> FRANCIA	SPSO	NERGAL 840	G 280/25-057	2		
		HACIERCO 1000	G 250/40-196	6		
		NERVESCO 3.35.1000	G 333/35-201	7		
		TECTONIA	COUVERTURE 1000.35	G 250/35-011	1	
		ZIEGLER-SOLLAC	NERGAL 840	G 280/25-057	2	
			NERVESCO 1000 T	G 333/45-084	3	
NERVESCO 3.35.1000	G 333/35-201		7			
GERMANIA	D	ATLAS	ACR 37	G 200/37-264	8	
		EICHENER	EME 30	G 220/30-126	4	
		FIBROCEMENTO	P 5	L 177/51-023	1	
			P 6	L 177/51-024	1	
			P 7	L 146/48-026	1	
			P 8	L 130/30-088	3	
		GUTTA	75/28	L 75/29-096	3	
			GUTTA DO IT	L 62/25-02Q	11	
	GUTTAPRAL		L 95/28-01U	11		
	HOESCH	E 40	G 183/40-095	3		
		E 35	G 207/35-097	3		
		E 50	G 250/50-137	5		
		E 80	G 280/85-138	5		
	HOOGOEVENS	KAL BAU 25	G 100/25-189	6		
		KAL BAU 30	G 152/30-190	6		
		KAL BAU 30 S	G 205/30S-227	7		
	REVENTA		G 200/40-05F	12		
	SIDAL	TS 1028	G 137/28-112	4		
	SIEGENE PFANNE	29/283	G 283/29-098	3		
		PH 26/167	G 167/26-100	3		
	THYSSEN	T 40	G 190/40-113	4		
		T 35	G 212/35-136	5		
	VAW	ALUFORM 150/45	G 150/45-115	4		
		ALUFORM 20/96	G 96/20-128	4		
		ALUFORM 124/29	G 124/29-114	4		
		ALUFORM 42/250	G 250/42-177	6		
	ZIEGLER	NERGAL 840	G 280/25-057	2		
		NERVESCO 1000 T	G 333/45-084	3		
		NERVESCO 3.35.1000	G 333/35-201	7		
	GRECIA	GR	METVA S.A.	T - 1	G 125/37-276a	9
				T - 1	G 125/37-276b	9
	INGHILTERRA	GB	COVER WORLD	CR 32	G 200/32-270	8
				CL 18	G 333/18-281	9
				L 146/48-01N	10	
				G 200/32-00N	10	
TAKIRON			K 70/16	G 70/16-245	8	
TUC		L 110/34-248 R	8			
IRLANDA	IRL	TERGAL	32	G 160/32-01S	11	
ISRAELE	ILE		SR-4 h-38	G 273/38-243	8	
			TIPE A	G 333/47-244	8	
ITALIA	I	ALBERTINI	AE H38 P756	G 185/53-288	9	
		ALCAN	ALLUMINIO 7-98	G 100/30-062	2	
			GRECAL 42-200	G 200/42-105	4	
			GRECAL 40-200	G 200/40-106	4	
			GRECAL 40-167	G 167/40-116	4	
			GRECAL 50-167	G 167/50-117	4	
			GRECAL 20-125	G 125/20-118	4	
			GRECAL 30-201	G 201/30-166	6	
			GRECAL 52-226	G 226/52-167	6	
			GRECAL 30-153	G 153/30-188	6	
			ALUBEL	ALU 28	G 112/28-041	2
		ALU 21		G 78/21-072	3	
		ALUTECH DACT		G 250/40-121	4	
		ALU 40		G 190/38-274	9	
		ETERAL		G 177/63-00H	10	
		ONDA-ALL 33		L 119/33-03Q	12	
		ALUMETAL	CORALM G 19	G 195/45-003	1	
		BOLLANI (Steel-Cover)	TIPO 40/85	G 425/40-066	2	
			TIPO 55/80	G 400/55-253	8	
		BROLLO - MARCEGAGLIA	PGB TK3 inf.	G 500/80-028 (sup. 029)	1	
			PGB TK3 sup.	G 500/38-029 (inf. 028-034)	1	
			PGB TK3 inf.	G 500/70-034 (sup. 029)	2	

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		Sigla produttore	Sigla Magniplast			
> ITALIA	I		EGB 902	G 214/35-042	2	
			EGB 401	G 183/38-053a	2	
			EGB 401	G 183/38-053b	2	
			EGB 700	G 400/55-079	3	
			EGB 902 D	G 210/35-083	3	
			EGB 601 D	G 425/40-092	3	
			EGB 201D	G 150/55-099a	3	
			EGB 201D	G 150/55-099b	3	
			EGB 1250	G 251/40-203 (inf. 206-00A)	7	
			EGB 1250	G 251/70-206 (sup. 203)	7	
			EGB 1250	G 251/80-00A (sup. 203)	9	
			COVERAL	COVERAL GR 6	G 200/40-070	2
				COVERAL GR 13	G 75/20-102	3
				COVERAL 1000	G 200/42-105	4
				COVERAL 1005	G 201/30-166	6
				COVERAL GR 5	G 250/40-256	8
				COVERAL GR 6	G200/34-03E	11
				COVERAL GR 7	G 150/40-258	8
				SOPRA-EURO	G 177/27-280	9
				SOPRA-SIX	G 146/27-282	9
				CENTROMETAL	SILMA 6	G 197/35-076
			SILMA 8		G 132/33-00P	10
			CIOCCA	CL 732	G 183/38-053a	2
				CL 800	G 400/51-158	5
			CONFIRMEX	TRAP 50	G 431/50-135	5
			COPERNIT	P 6	L 177/51-024	1
				P 7	L 146/48-026	1
				ROMANA	G 270/30-054a	2
				ROMANA	G 270/30-054b	2
				COPERALL 7.33	G 167/33-273	9
			EDILAM	ED 5-34-795	G 198/33-283 R	9
				ED 7-32-960	G 160/32-00V	10
				TEGOLIT	L 200/62-147	5
			EDIL-PLAST	ETRURIA	G 260/35-00C	10
			E.I.P.-VIPAN	38/160	G 160/38-175	6
				H 32 - G3 - P 850	G 425/32-223	7
				H 40 - P 725	G 181/38-236a	7
				H 40 - P 900	G 181/38-236b	8
			ELCOM SYSTEM	RP/SP 3 G	G 500/40-022	1
				LG 150	G 450/43-032	1
				LG 200	G 191/43-033	2
				LG 100	G 280/43-067	2
				LG 553 M	G 392/55-075	3
				LG 554	G 265/55-080	3
				LG 450	G 183/35-149	5
				LG 553	G 442/55-159	5
				LG 454	G 333/45-268	8
			ETERNIT	P 6 EURO	L 177/51-024	1
				P 7 SUPERITALSIX	L 146/48-026	1
				APPIA	G 201/22-031	1
				PLANONDA	G 275/55-037	2
				ROMANA	G 270/30-054a	2
			FEAL	SIDALVAR	U 300/7-006	1
			FIBRO-TUBI	P 6	L 177/51-024	1
				P 7	L 146/48-026	1
				SOFILIT	G 201/22-031	1
				ROMANA	G 270/30-054a	2
				ROMANA	G 270/30-054b	2
			G.B.F.	MODELLO STANDARD	G 395/45-291	9
			GREKOR	40 70	G 100/40-087	3
				60 115	G 150/65-091	3
				20 52	G 75/20-102	3
				40 170	G 200/40-134	5
				40 300	G300/40-03D	11
				20 52 SPALLA ALTA	G 75/20-246	8
				20 128 SPALLA ALTA	G 150/20-247	8
				HEDAR	SMC 5580	G 400/55-050
			SMC 5565		G 162/55-051	2
			SMC 3580		G 200/35-131a	4

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		Sigla produttore	Sigla Magniplast			
> ITALIA	I		SMC 3510	G 200/35-131b	4	
		HITOL	HV 5580/3	G 400/55-050	2	
			HV 5565/5	G 162/55-051	2	
			HV 3580/5	G 200/35-131a	4	
			HV 3510/6	G 200/35-131b	4	
		IMAC	IONICA	L 177/51-024	1	
			DORICA	G 280/32-173	6	
		IMME	G 6 - P 73	G 183/38-053a	2	
			G 4 - P 72	G 241/50-150	5	
			G 3 - P 80	G 400/51-158	5	
		ISCOM	SINUS 20-83	L 83/20-005	1	
		ISOLPACK CERIA	MC/900	G 203/36-004	1	
			S/C 2000	G 162/55-051	2	
			CT/C 200	G 183/38-053a	2	
			R/C 3	G 400/46-141	5	
			K2-S	G 900/43-145	5	
			L/C 700	G 233/45-178	6	
			GAMMA 6	G 180/41-179	6	
			GAMMA 2 sup.	G 900/41-183 (inf. 184)	6	
			GAMMA 2 inf.	G 900/69-184 (sup. 183)	6	
			DELTA 5	G 250/40-199	7	
			DELTA 3	G 500/40-212	7	
			RW 1000	G 250/40-266	8	
			EP 3000	G 209/34-284	9	
			ISOLPLAST	TEGOPAN	G 210/32-168	6
			ISOPAN	ISOTEGO sup.	G 251/40-203 (inf. 206-00A)	7
		ISOTEGO inf.		G 251/70-206 (sup. 203)	7	
		ISOTEGO inf.		G 251/80-00A (sup. 203)	9	
		ISOLPLAST 1000/3 I		G 500/70-00Q (sup. 209)	10	
		ITALPANNELLI	PENTA	G 247/40-00M	10	
		LANDINI	H 28/L 1114	G 114/28-01E	10	
			H 40/L 1165	G 215/40-01F	10	
			H 20/L 1125	G 80/20-01G	10	
		LATTONEDIL	EUROCOPE	G 333/40-045	2	
			EUROCOPE inf.	G 333/80-01R	10	
			EUROCINQUE	G 250/37-06P	13	
			ISOCOPRE inf.	G 200/78-059 (sup. 279)	2	
			ISOCOPRE inf.	G 200/68-03N (sup. 279)	12	
			ISOCOPRE sup.	G 200/38-279 (inf. 059)	9	
		LONGHI	43/810	G 405/43-200	7	
		MAGNIPLAST	M.P.	PIANO-008	1	
				T 400 900/40-014	1	
				Z 102/15-017	1	
				L 32/9-020	1	
				L 76/18-021	1	
				G 265/69-030	1	
				COLMO-040	2	
			COLMO TOPACO	COLMO 04A	12	
			COLMO TOPACO	COLMO 04B	12	
			SCOSSALINA TOPACO	COLMO 04C	12	
			SCOSSALINA TOPACO	COLMO 04D	12	
			COLMO TOPACO	COLMO 04E	12	
			SCOSSALINA	COLMO 04F	12	
				G 136/18-05H	12	
				G 250/29-05N	12	
				G 250/35-05U	13	
				G 192/40-05V	13	
				G 250/55-06A	13	
				CUPOLINO 06C	13	
				G 237/35-06N	13	
				G 200/40-070	2	
				L 32/9-078	3	
				G 102/15-082	3	
				G 200/32-086	3	
				G 250/30-093	3	
				U 1158/16-120	4	
				L 75/18-123	4	
			G 320/90-127	4		
			G 175/16-132a	4		

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		Sigla produttore	Sigla Magniplast		
> ITALIA	I		G 185/26-132b	4	
			G 117/17-220	7	
			L 76/18-221	7	
			G 70/5-252	8	
			G 200/43-254	8	
			G 270/30-255	8	
			L 177/51-277	9	
			G 207/35-02A	11	
			G 112/28-00U	10	
		MAINETTI LAMIERE	H38 200 6G	G 200/38-010	1
	MARANIT	ONDA MEC - P5	L 177/51-023	1	
		ONDA MEC - P6	L 177/51-024	1	
		ONDA UNI	L 146/48-026	1	
		ROMA ROMANA	G 270/30-054a	2	
		ROMA ROMANA	G 270/30-054b	2	
		MEGA	G 350/55-085	3	
		VENTOTTO 11	G112/28-03L	11	
		SUPERMEGA	G 235/55-133 R	4	
		SOTTOCOPPO	L 195/55-142 R	5	
		METALCOP	MC 1000/45	G 333/45-109	4
	METECNO	A 36 - P 814	G 203/36-004	1	
		A 40 - P 750	G 187/40-038	2	
		A 55 - P 800	G 400/55-050	2	
		A 55 - P 650 - P 820	G 162/55-051	2	
		A 40 - P 750 inf.	G 187/70-103 (sup. 104)	3	
		A 40 - P 750 sup.	G 187/40-104 (inf. 103)	3	
		A 35 - P 1000 - G4	G 333/35-139 R	5	
		A 42 - P 1000 - G4	G 333/42-143 R	5	
		A 38 - P 1000 - G4	G 333/38-210 R	7	
		A 40 - P 920	G 184/38-237	8	
		A 55 - P 800	G 160/55-238	8	
		Toproof G5 S	G 250/35-00D (inf. 00G)	10	
		Toproof G3 S	G 500/35-00E (inf. 00R)	10	
		Toproof G5 I	G 250/65-00G (sup. 00D)	10	
		Toproof G3 I	G 500/65-00R (sup. 00E)	10	
		MORTEO	A. STANDARD 45/800	G 400/45-015	1
			A. MULTIPLEX 45/700	G 170/45-016	1
	A. STANDARD 50/800		G 400/50-049	2	
	A. CLASSIC 30/800		G 200/30-052	2	
	A. MULTIPLEX 45/700		G 175/45-077	3	
	ONDULIT	ONDULIT	L 87/19-047 R	2	
		COVERIB 850	G 192/32-146 R	5	
		COVERIB 1000	G 297/37-011	10	
	ORIGONI ZANOLETTI	OR 30/1000	G 200/30-03B	11	
	PORTA SIDERURGICA	PG6-PG7 Duraclad	G 183/38-053a	2	
		PG2-PG3 Duraclad	G 197/30-144	5	
		PG1 Duraclad	G 405/52-169	6	
		PG10-PG11 Duraclad	G 163/51-204	7	
		PG8-PG9 Duraclad	G 173/75-205	7	
	PROFILCASTELLO	GLARYTER	G 186/36-01H	10	
	RE	RGL 39	G 195/39-056	2	
		RGL 40	G 200/40-106	4	
		RGL 60	G 210/60-151	5	
		RGL 25/111	G 111/25-296	9	
	ROBERTSON	SR3	G 290/55-046	2	
	ROMANA PROFILATI	105/75	G 187/43-193	6	
	SABILA	G 287,5/38,2	G 287/38-00B	9	
	SAIP	45/756	G 252/45-039	2	
		37/1000	G 200/40-070	2	
		45/1000	G 333/45-071	3	
	SANDRINI METALLI	SAND 35	G 200/35-05P	12	
	SAVA - L.L.L.	ALUCOVER 105	G 190/38-12a	1	
		ALUCOVER 105	G 190/38-12b	1	
		ALUCOVER 119	G 65/22-202	7	
	SIS.CO.	SISCOROOF 4G 1000	G 333/39-065	2	
		SISCOROOF 2G	G 900/40-124	4	
		SISCOROOF 3G	G 450/40-125	4	
		2G-40/1000	G 1000/40-224	7	
		3G-40/1000	G 500/40-225	7	

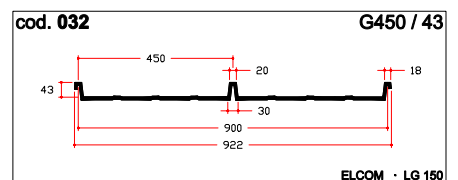
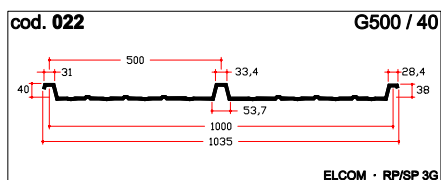
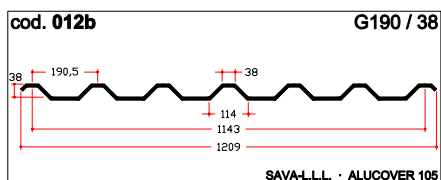
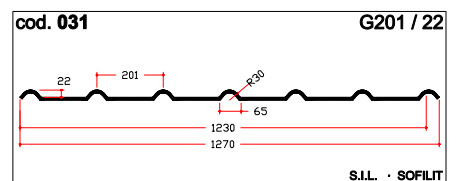
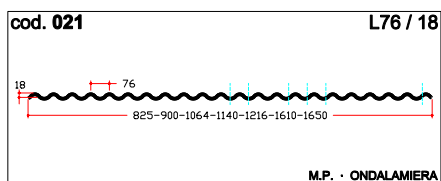
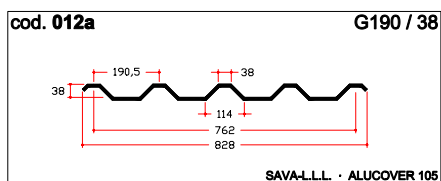
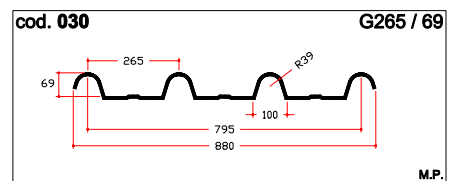
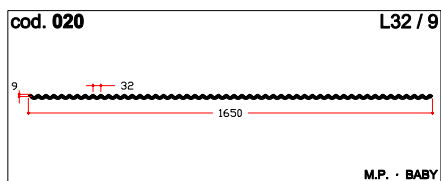
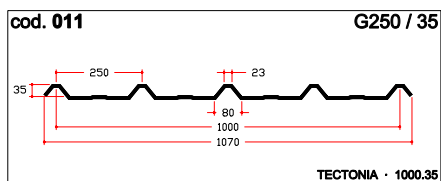
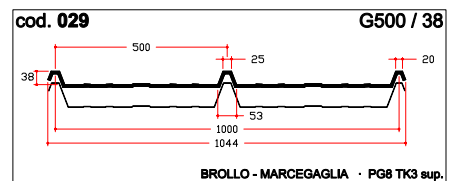
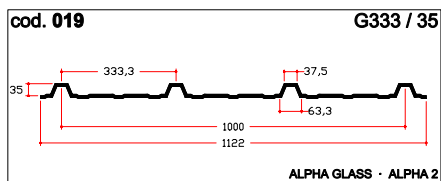
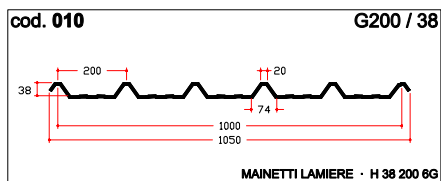
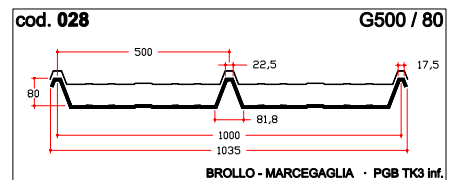
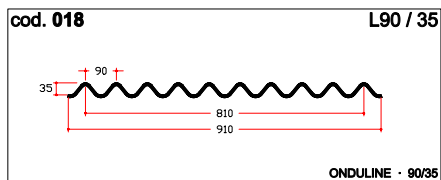
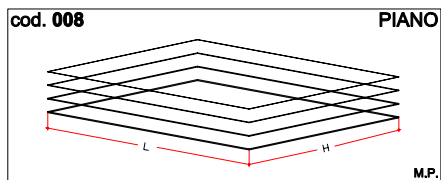
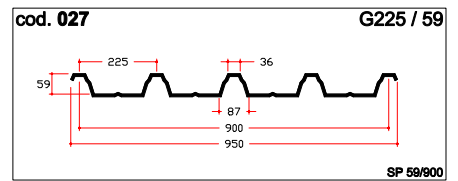
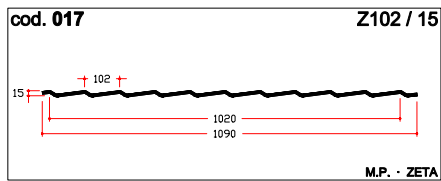
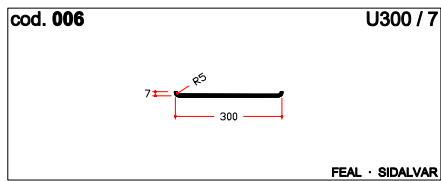
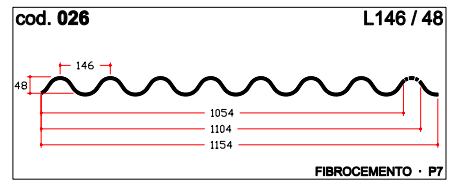
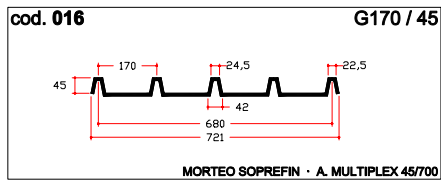
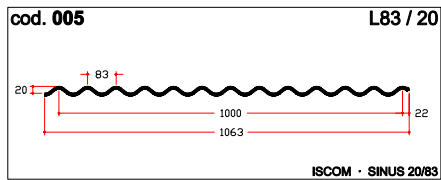
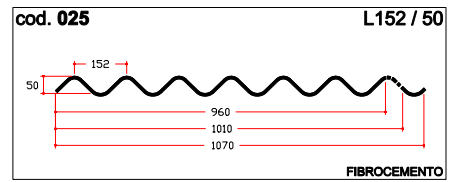
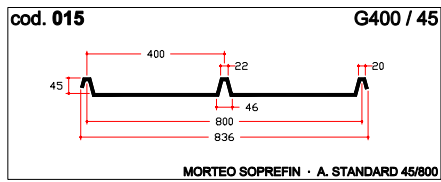
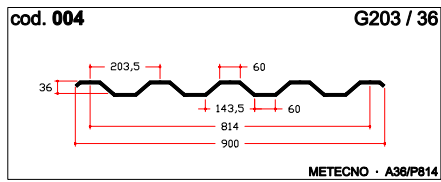
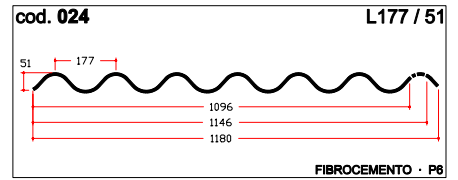
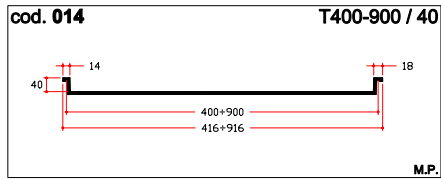
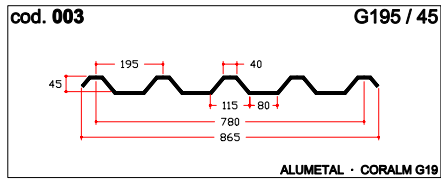
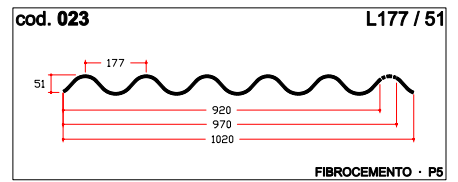
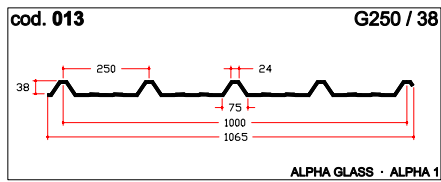
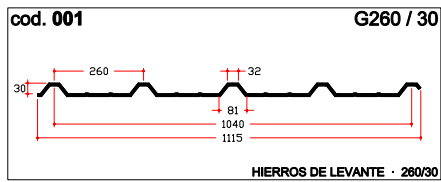
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NAZIONALITÀ		PRODUTTORE	PROFILO		SCHEDA		
			Sigla produttore	Sigla Magniplast			
> ITALIA	I	SIS.CO. / PIVA GROUP S.I.L.	5G-40/1000	G 250/40-226	7		
			P 5	L 177/51-023	1		
			P 6	L 177/51-024	1		
			SOFILIT	G 201/22-031	1		
			ROMANA	G 270/30-054a	2		
			ROMANA	G 270/30-054b	2		
			BRIXIA S3	G 372/57-068	2		
			BRIXIA 2 NT	G 350/55-085	3		
			P 8	L 130/30-088	3		
			AQUITANIA	L 190/55-265	8		
			TALIANI LAMIERE	P104 L	G 214/35-042	2	
				P101 S-M	G 183/38-053a	2	
				P101 S-M	G 183/38-053b	2	
				P102 S	G 425/40-092	3	
		P105		G 150/55-099a	3		
		TUBISUD	CA 45/768	G 256/45-110	4		
			PA 25/832	G 208/25-111	4		
		UNIMETAL	COMET 720	G 118/34-257	8		
			GENUS 1000	G 250/30-03C	11		
			GENUS 800	G 267/34-275	9		
		WALBO	HW 1005	G 201/30-166	6		
			W5	G 226/52-167	6		
			W40	G 194/40-259	8		
		LITUANIA	LT	TBS KAUNAS	G 188/18-03P	12	
		LUSSEMBURGO	L	ASTRON	ASTRON-PR	G 300/32-298	9
		OLANDA	NL	FIBROCEMENTO	P 5	L 177/51-023	1
					P 6	L 177/51-024	1
P 7	L 146/48-026				1		
P 8 - P 9	L 130/30-088				3		
ROLLOONS SORENSEN S.A.B.	L 76-18S			L 76/18-174	6		
58 KD	G 318/59-161			5			
POLONIA	PL	BALEX METAL	BTD5S 35	G 207/35-02B	11		
			BTD5S 18	G 137/17-02C	11		
			BTD 55	G 235/55-02H	11		
		FIBROCEMENTO	P 5	L 177/51-023	1		
			P 6	L 177/51-024	1		
			P 8	L 130/30-088	3		
		KOLBIS	T-18	G 136/18-00T	10		
		POLMETAL PRUSZYNSKI	T20H	G 183/20-05G	12		
T45H	G 203/42-03M		12				
ROMANIA	ROM	KONTIROM	TIP NERGAŁ	G 250/42-01P	10		
			PANOU TRASLUCID	G 163/12-01Q	10		
		FIBROCEMENTO	P 5	L 177/51-023	1		
			P 6	L 177/51-024	1		
			P 8	L 130/30-088	3		
RUSSIA	RUS	NT-40/150	L 150/40-03R	12			
SLOVACCHIA	SK	LINDAB	TRAPEZ T-35	G 205/35-06M	13		
SPAGNA	E	ACERALIA	PL-30/209	G 209/30-03F	11		
			1250-204	G 209/30-00I	10		
				G 584/28-05L	12		
				G 300/40-05M	12		
			ARCELOR	G 267/32-05Z	13		
		ASPERSA	ASP 88 30	G 209/30-217	7		
			ASP/30-209/110 sup.	G 209/30-01B (inf. 01L)	10		
			ASP/60-209/110 inf.	G 209/60-01L (sup. 01B)	10		
		COMEGASA	30/208	G 208/30-03S	12		
		DEFORMAC	1040-208	G 208/30-00L	10		
		DISAN LUZ	G 203,6/30	G 203/30-119	4		
		EUROPERFIL		G 265/31-01V	11		
			DELFOŚ sup.	G 547/35-02Z	11		
			DELFOŚ inf.	G 542/65-03A	11		
		FIBROCEMENTO	P 5	L 177/51-023	1		
			P 6	L 177/51-024	1		
		HIASA	MT 32	G 200/30-215	7		
			Hiasa 30/265	G 265/30-285	9		
			Hiasa 40/250	G 250/40-286	9		
			Hiasa HA-30/265	G 265/30-01C	10		
			Hiasa HA-40/250	G 250/40-01D	10		
Hian/28-1074/109 sup.	G 1074/28-05D		12				

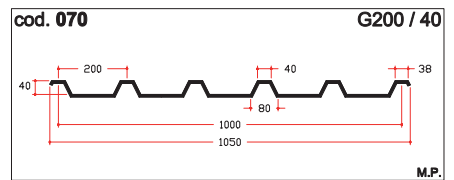
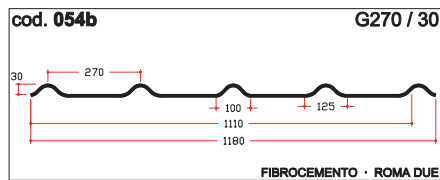
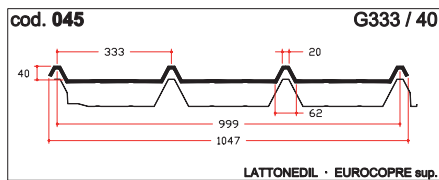
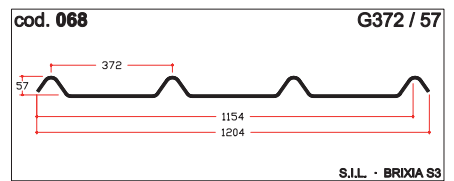
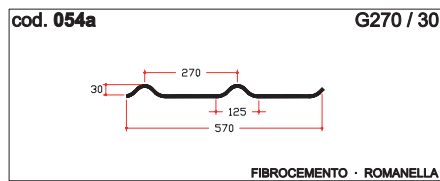
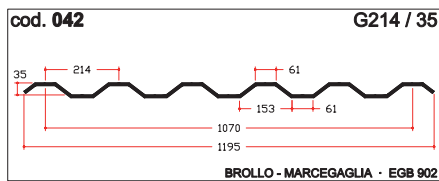
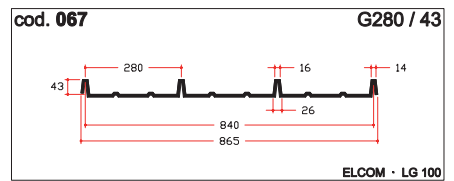
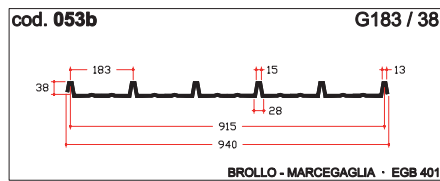
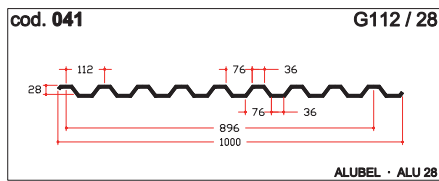
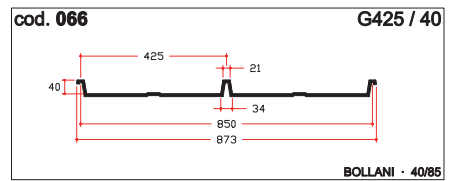
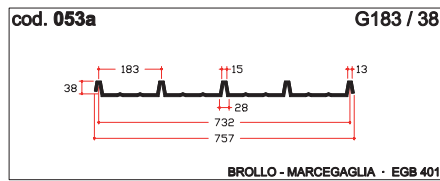
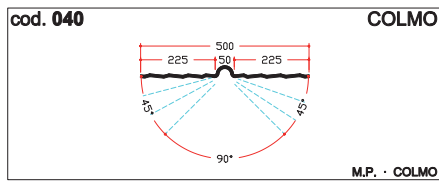
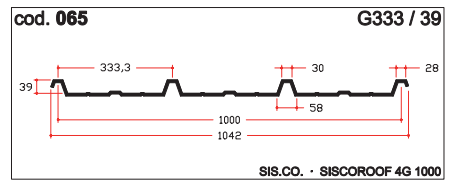
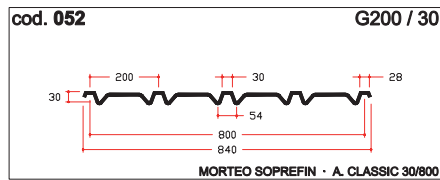
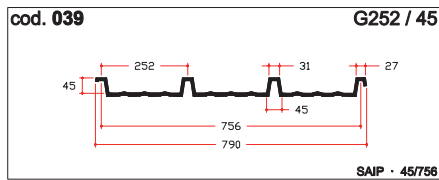
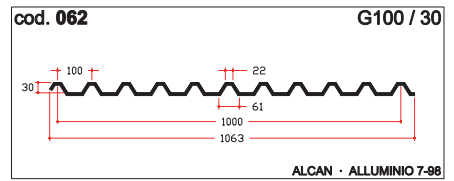
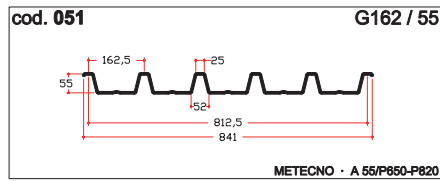
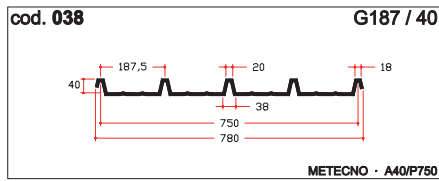
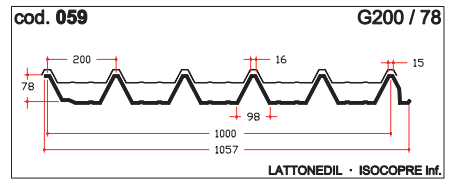
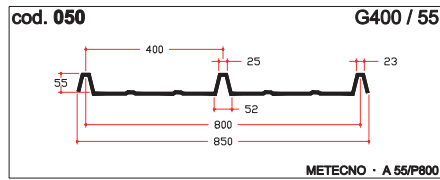
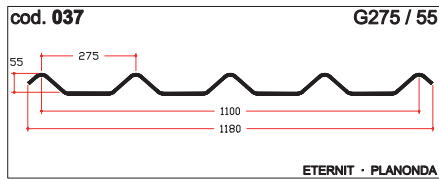
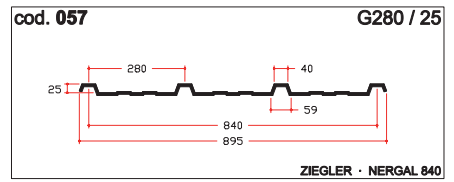
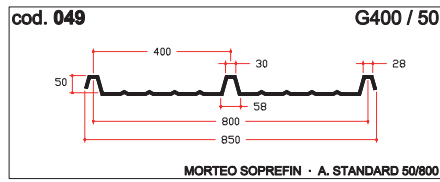
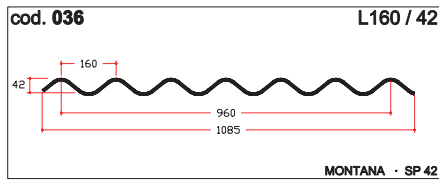
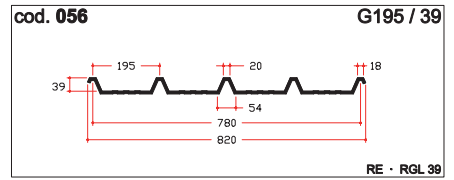
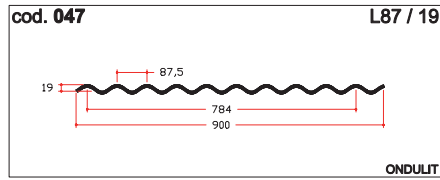
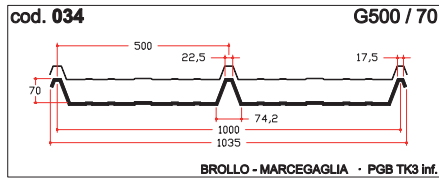
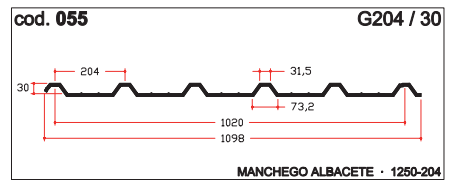
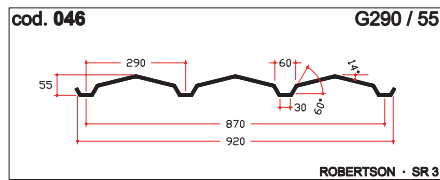
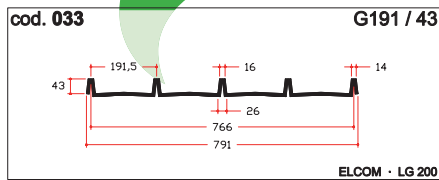
INDICE - profilario generale

NAZIONALITÀ	PRODUTTORE	PROFILO		SCHEDA			
		Sigla produttore	Sigla Magniplast				
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	HIERROS DE LEVANTE	260/30	G 260/30-001	1			
	HIERROS Y TRANSF.	HT-30	G 206/30-263	8			
	IBERTUBO	IBT-40	G 250/40-216	7			
		IBT-30	G 275/30-219	7			
	INCOFLUID	R1 32/1030	G 207/32-164	6			
	INDAPERFIL	INDAPERFIL sup.	G 550/36-05A	12			
		INDAPERFIL inf.	G 550/66-05B	12			
	ITALPANNELLI IBERICA	TER - SPECULARE	G 500/39-05S	13			
			G 500/70-06D	13			
		TRAPAJUNTA SUP.	G 998/34-06E	13			
		TRAPAJUNTA INF.	G 230/60-06F	13			
		TER sup.	G 500/40-06G	13			
		TER inf.	G 500/69-06H	13			
		PENTA sup.	G 250/40-06I	13			
	J. POVILL		G 236/40-05Q	12			
	LESACA	LE 109 30/209	G 209/30-211	7			
	LLANEZA	LLANEZA 40/250	G 250/38-293	9			
		LLANEZA 37/194	G 194/37-294	9			
	MANCHEGO - ALBACETE	1250-204	G 204/30-055	2			
	METALICOS T. PRADO	333.3/38.1 PRADO	G 333/38-00Z	10			
	MIDEVAL	MI 88	G 209/30-217	7			
	PERFRISA	PF 92 880/30	G 218/30-213	7			
		MT 32	G 200/30-215	7			
		TZ 40	G 250/40-216	7			
		TZ 30	G 275/30-219	7			
		PF 795/40	G 265/40-231	7			
	PERCOEST	PERCOEST 30/198	G 198/31-295	9			
	P.F.M.	P.F.M. 35	G 200/35-287	9			
	TALCER	TAL/30-205/110	G 205/30-01M	10			
	TECZONE	TZ 40	G 250/40-216	7			
		TZ 30	G 275/30-219	7			
TEULADES		G 250/36-05T	13				
SVEZIA	S	AHLSSELL	TH 22	G 100/18-156	5		
		DOBEL	DOTP 20	G 100/19-155	5		
			DOTP 45	G 150/45-157	5		
		ECONOMIPLAT	TP 18	G 115/17-153	5		
		GAVLENVERKEN-BORGA	TRP20D BORGA EK	G 100/17-152	5		
		KAMI A/S	ALU 30	G 150/30-198	7		
		KORRUGAL	TRP40-40W-100	G 100/40-087	3		
			TRP65-150	G 150/65-091	3		
			TRP20-75	G 75/20-102	3		
			TRP40T-200	G 200/40-134	5		
		PLANNJA	20	G 100/17-154	5		
		PROFILERNA	LTP-45	G 180/43-222	7		
		RYDAB	TS 7	Z 102/10-163	5		
			45-950	G 190/43-214	7		
			EKONOMI 1100	G 137/18-267	8		
			EKONOMI 1100	G 138/14-297	9		
			HALDEX A-B	L 150/13-278	9		
SVIZZERA	CH	ALUSUISSE	100/25	G 100/25-181	6		
		ETERNIT	73/24	L 73/21-162	5		
		FIBROCEMENTO	P 5	L 177/51-023	1		
			P 6	L 177/51-024	1		
			P 7	L 146/48-026	1		
			P 8 - P 9	L 130/30-088	3		
			GUTTA WERKE	78/26	L 78/27-090	3	
			76/30	L 76/27-170	6		
			SP 59/900	G 225/59-027	1		
		MONTANA	SP 42	L 160/42-036 R	2		
			SP 41	G 193/39-194a R	6		
			SP 41 BRET	G 193/39-194b R	6		
			SP 80	G 277/80-195	6		
				G 194/40-289	9		
			SP 27/1000	L 111/26-02U	11		
		WELLBLECH GROSS	100/30	L 100/30-185	6		
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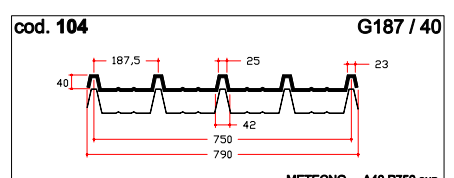
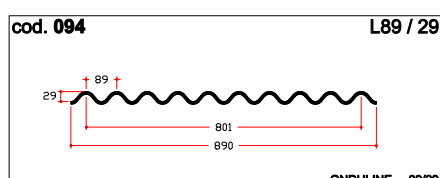
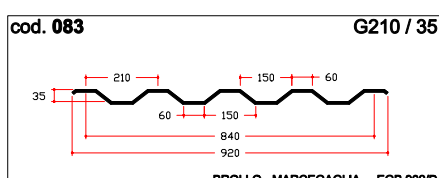
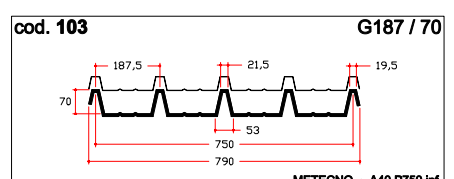
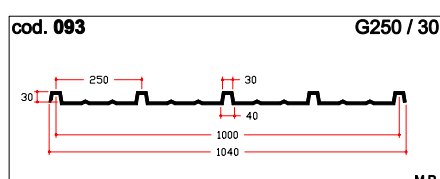
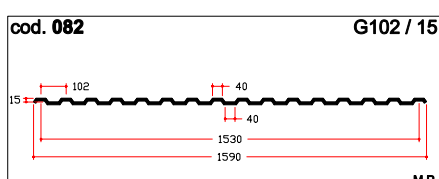
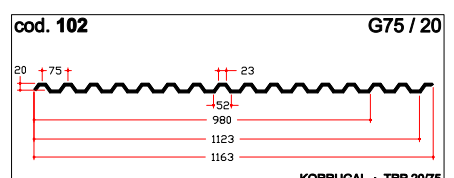
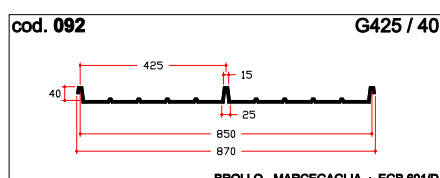
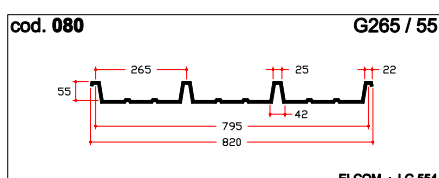
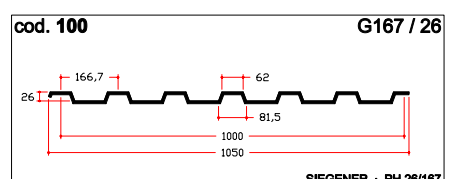
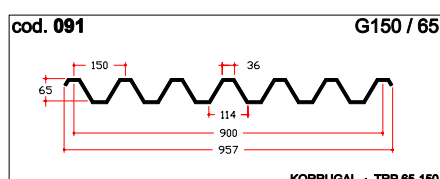
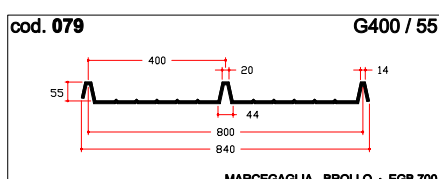
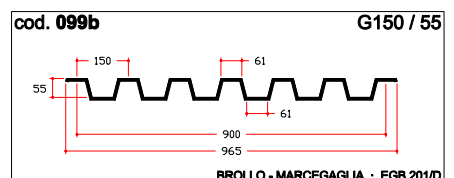
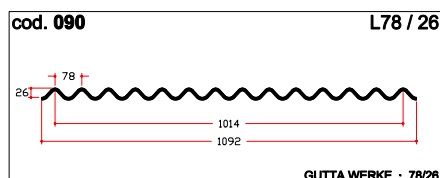
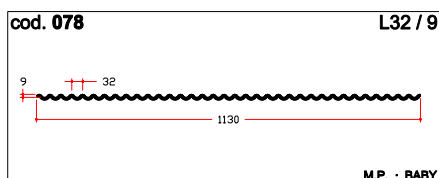
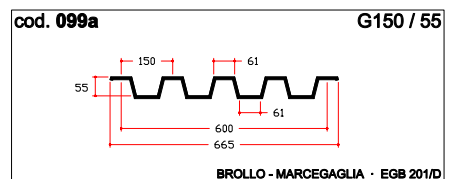
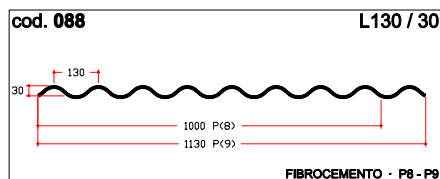
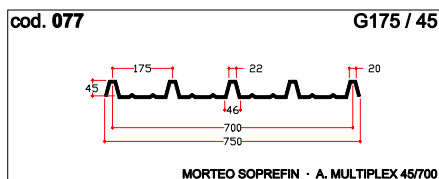
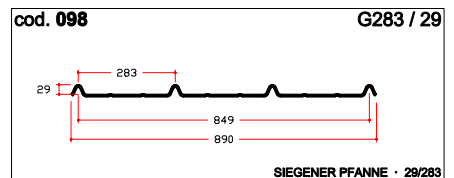
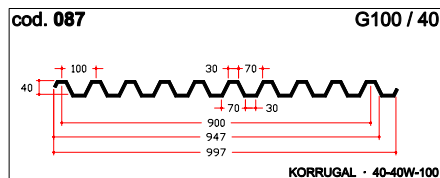
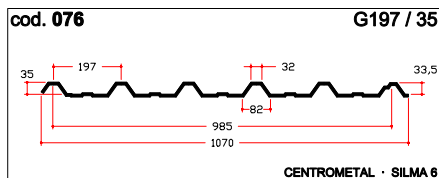
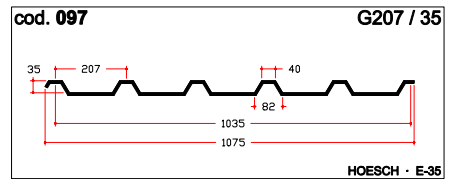
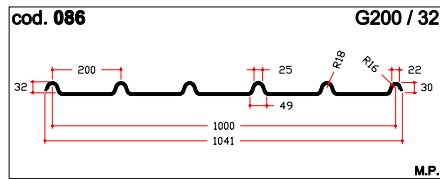
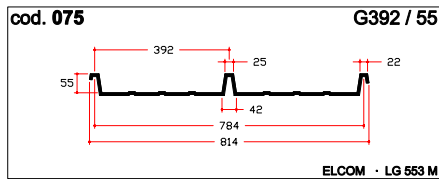
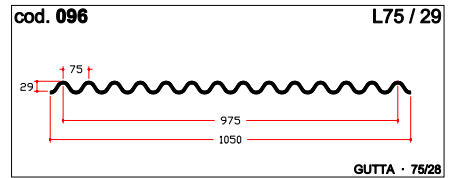
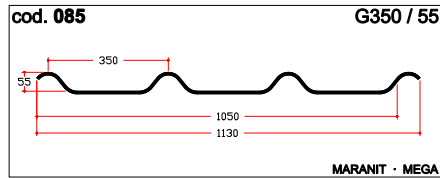
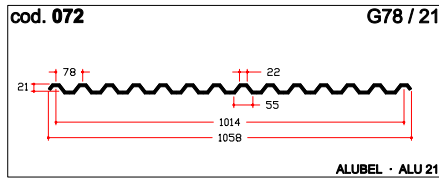
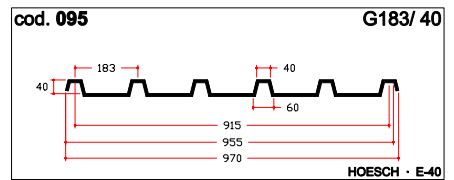
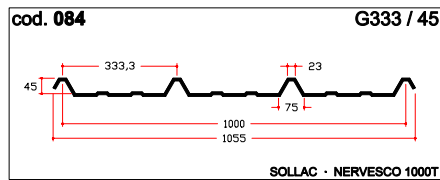
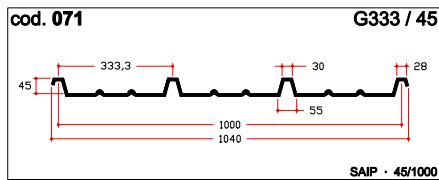
PROFILARIO GENERALE



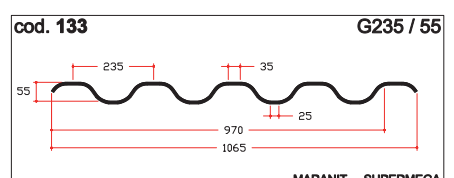
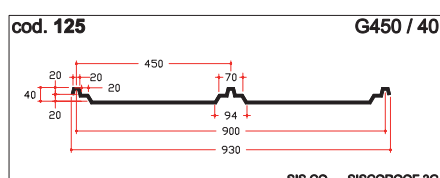
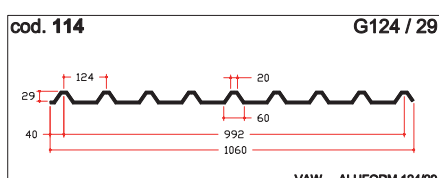
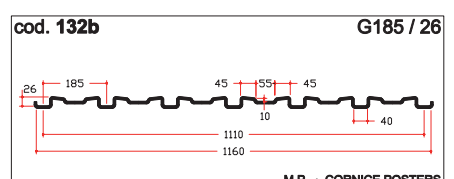
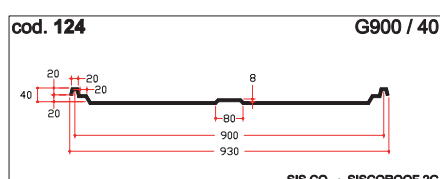
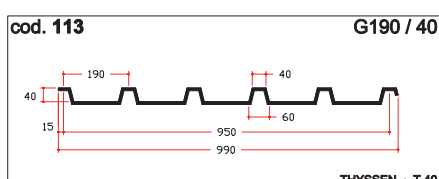
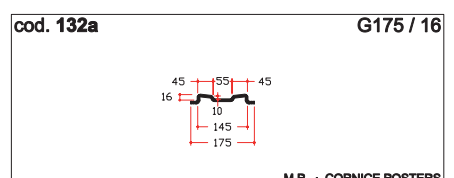
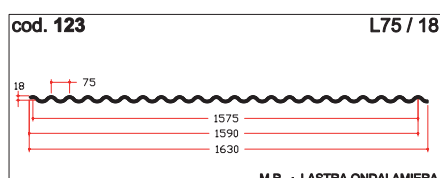
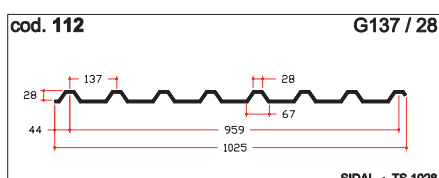
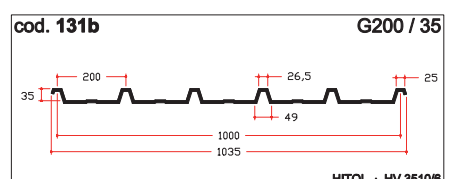
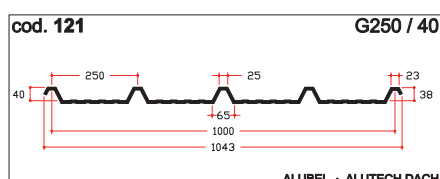
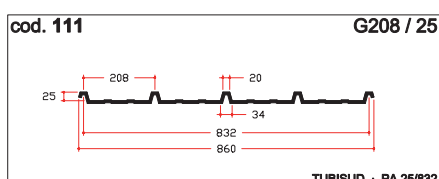
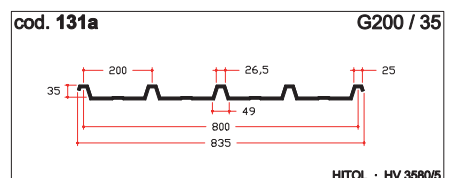
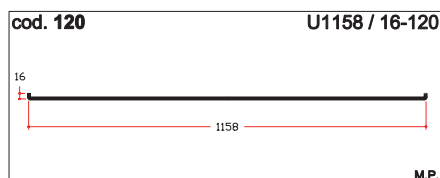
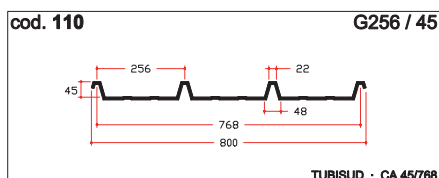
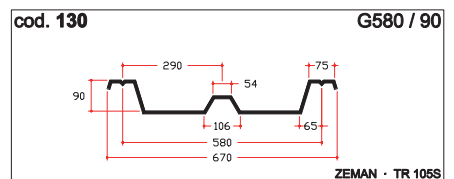
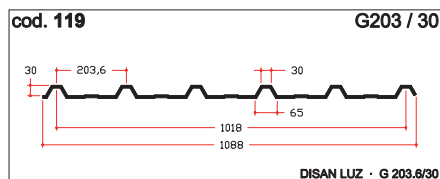
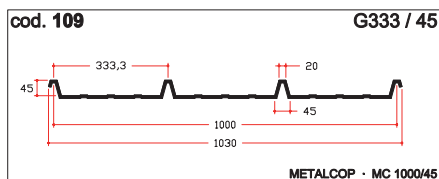
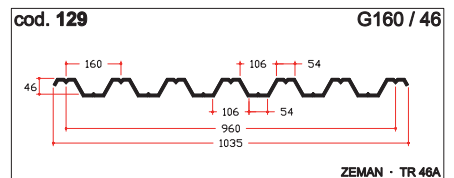
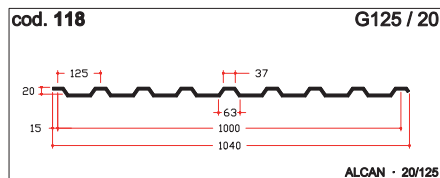
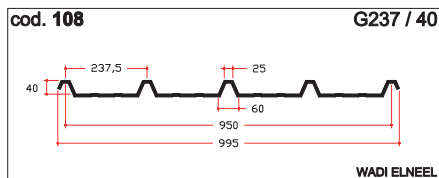
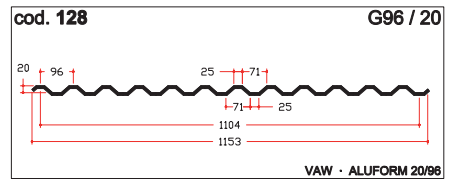
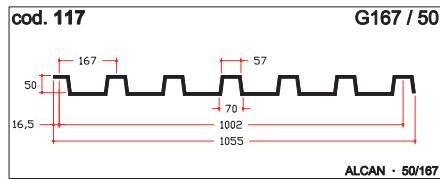
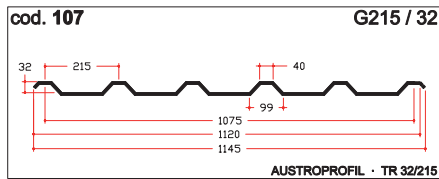
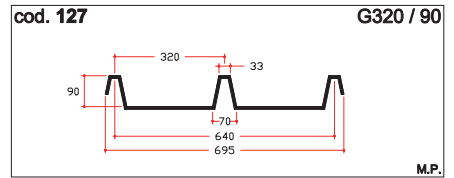
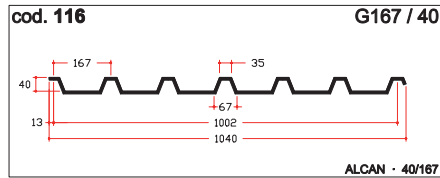
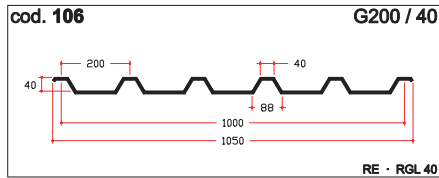
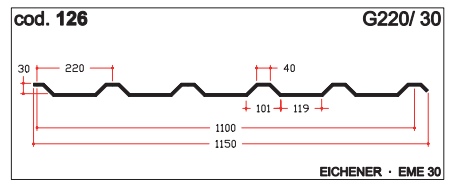
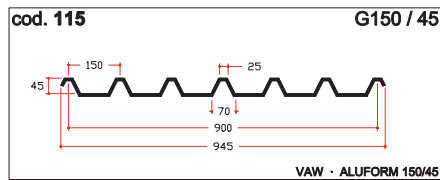
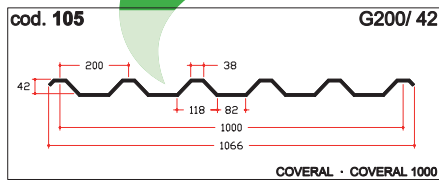
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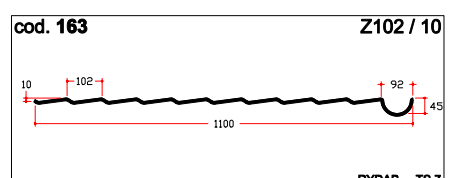
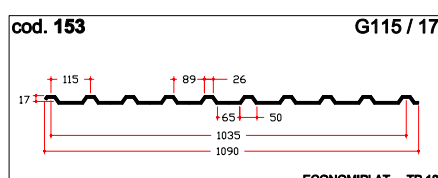
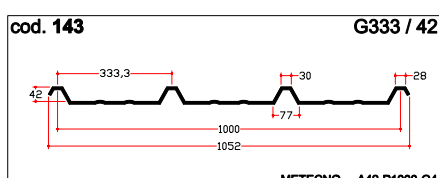
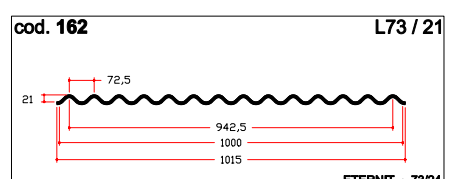
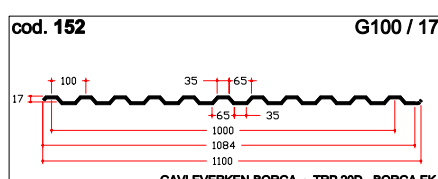
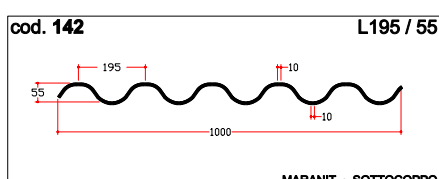
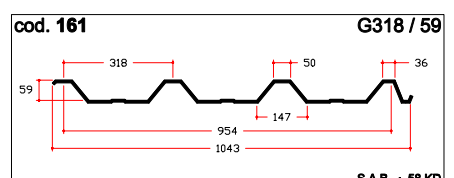
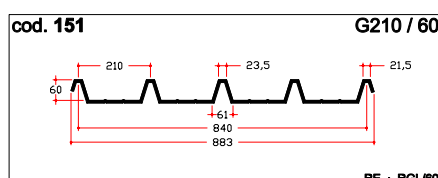
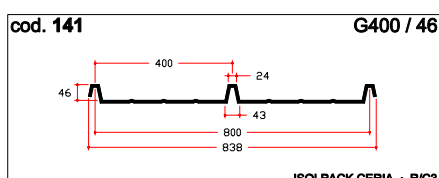
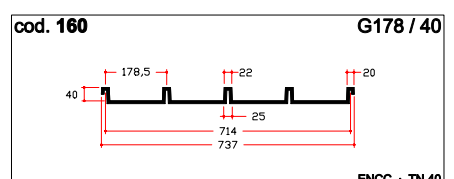
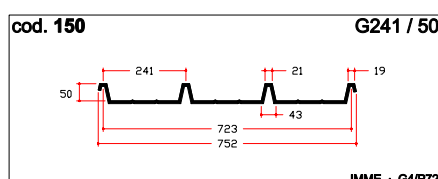
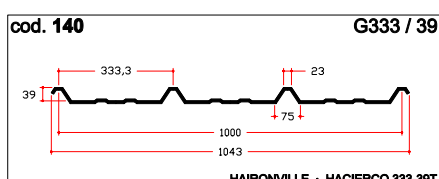
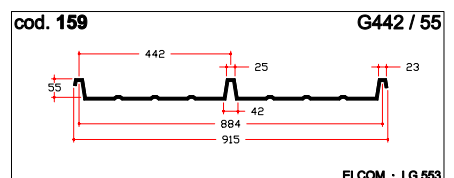
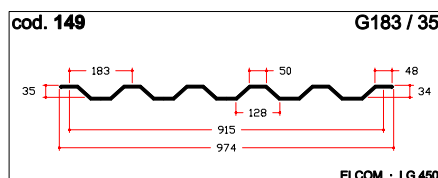
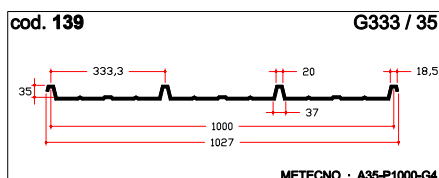
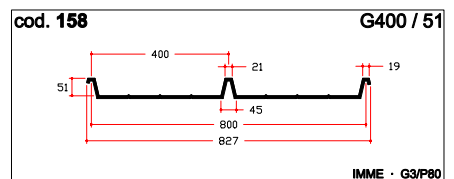
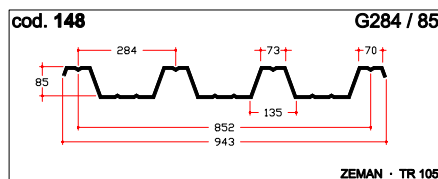
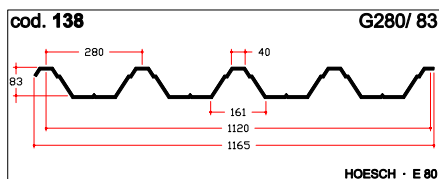
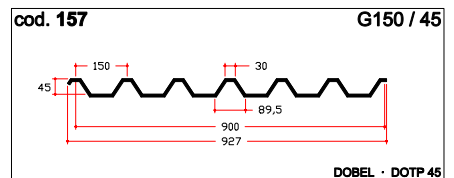
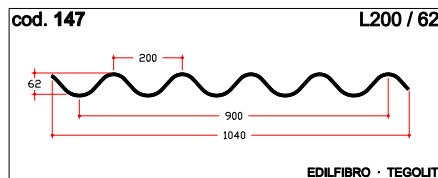
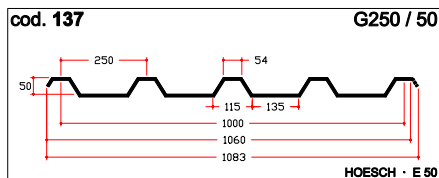
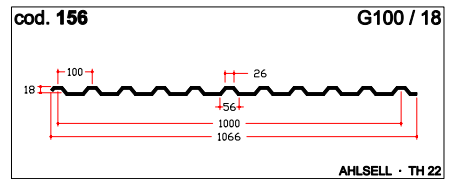
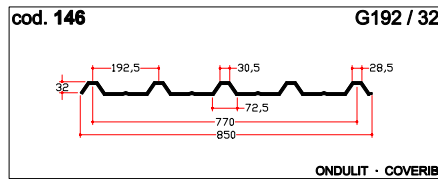
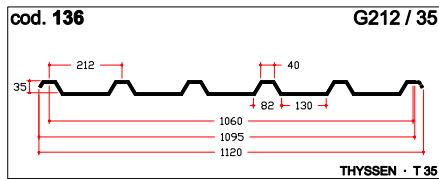
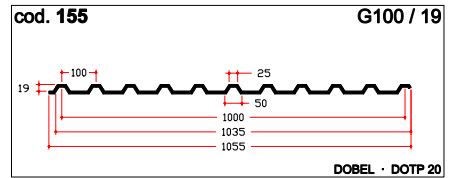
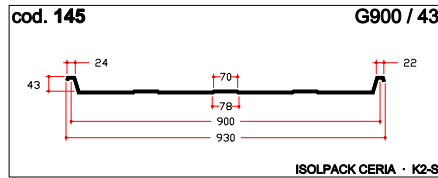
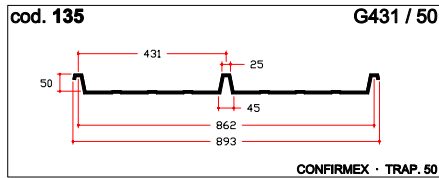
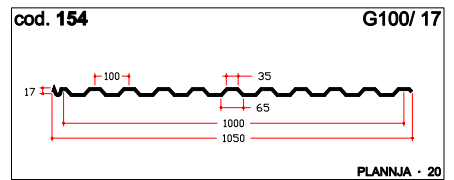
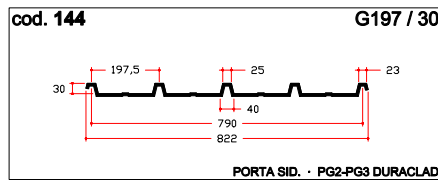
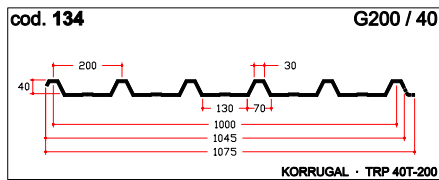
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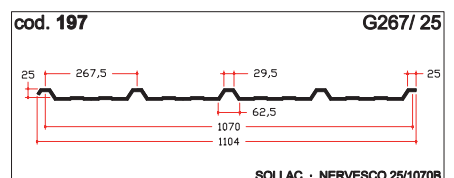
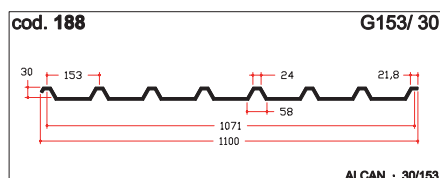
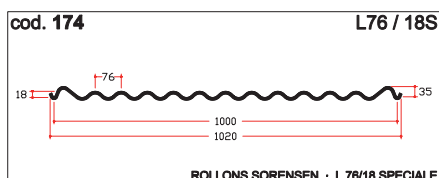
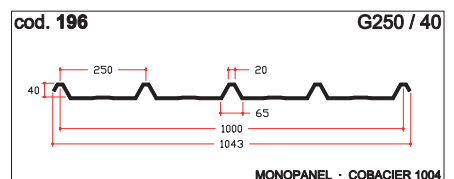
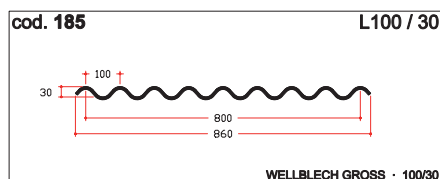
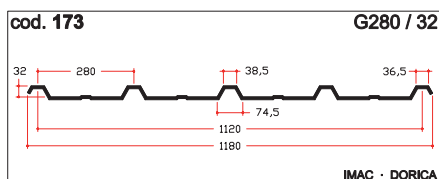
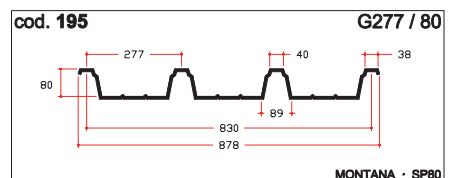
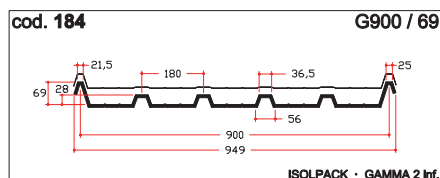
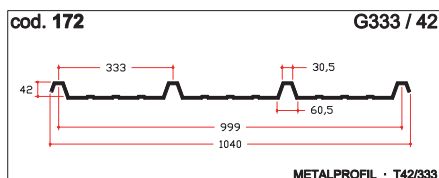
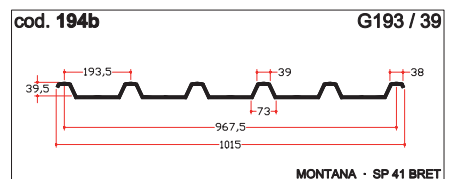
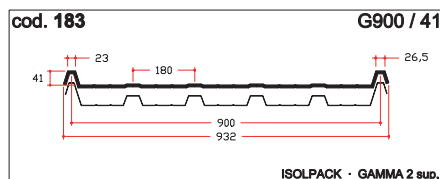
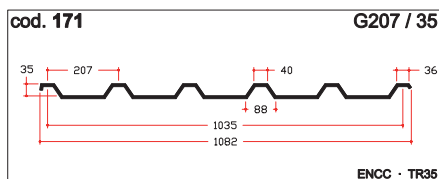
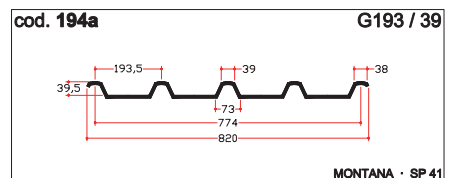
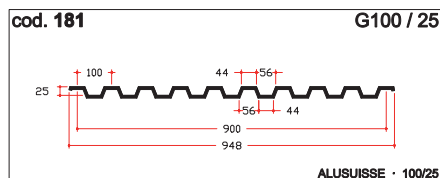
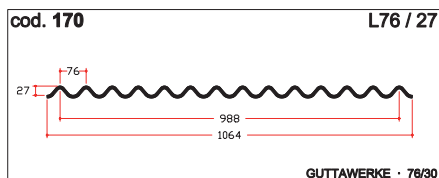
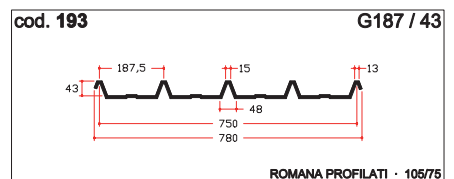
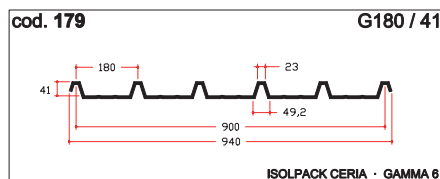
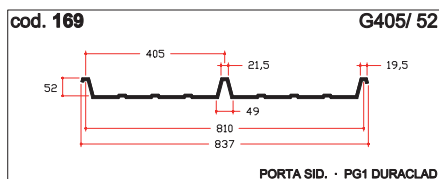
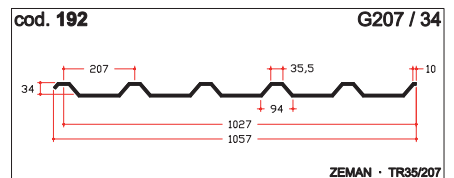
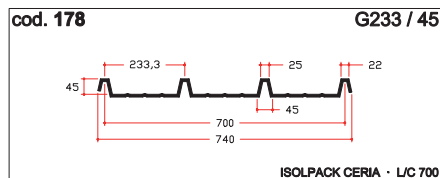
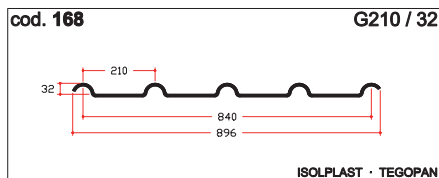
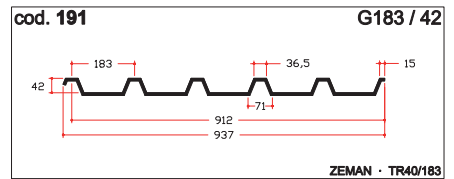
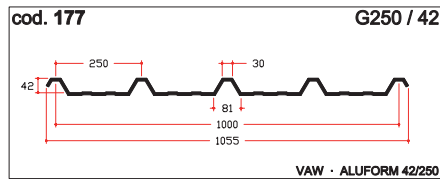
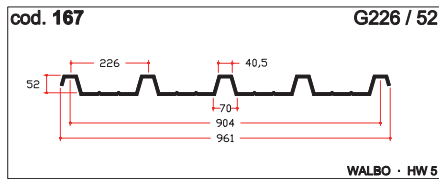
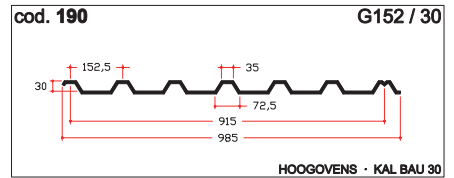
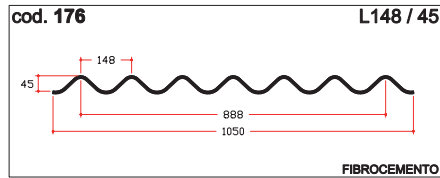
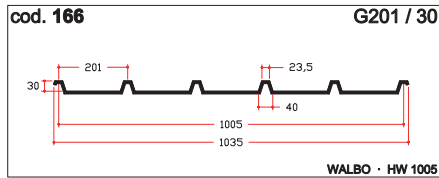
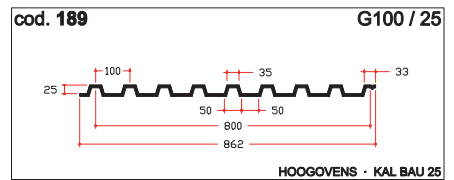
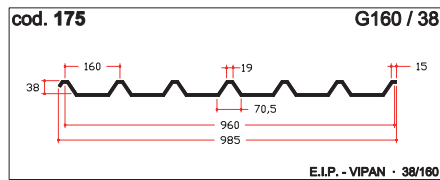
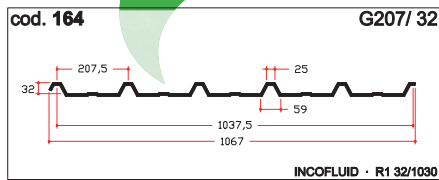
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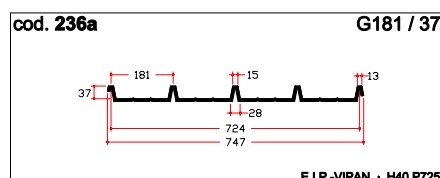
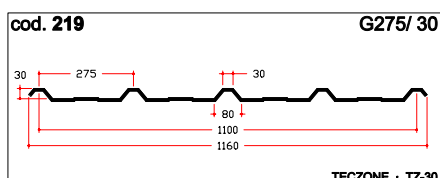
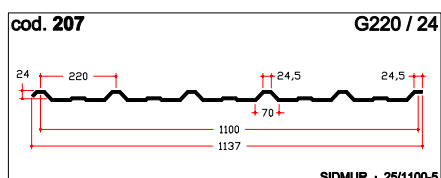
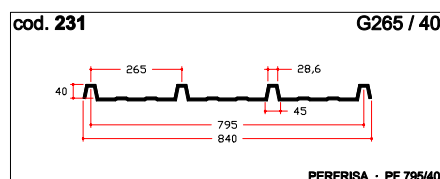
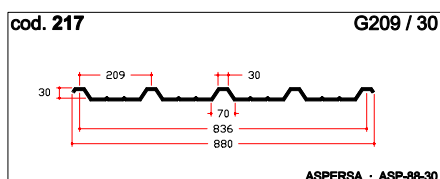
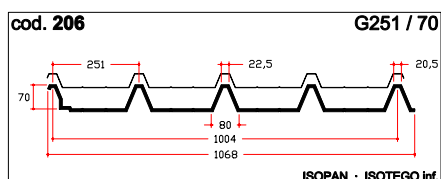
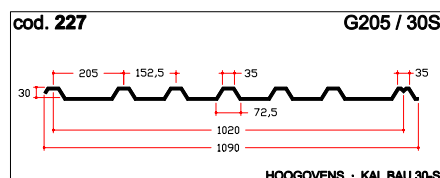
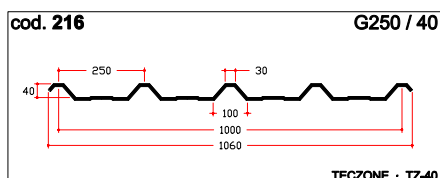
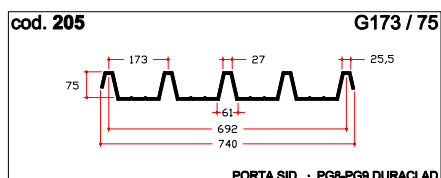
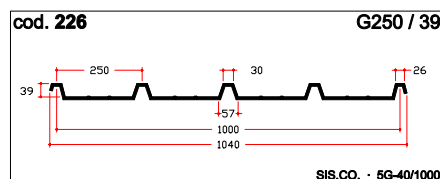
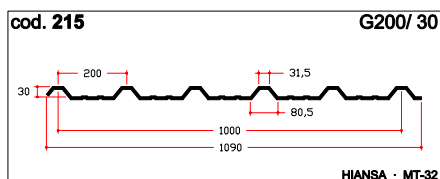
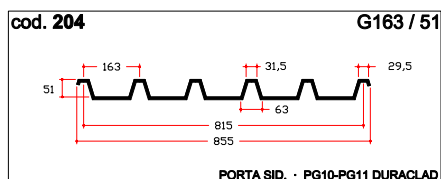
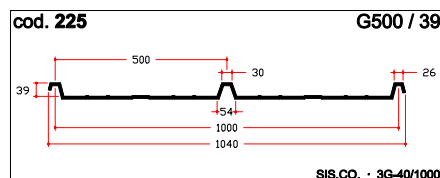
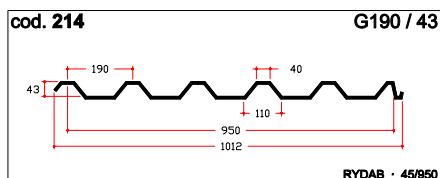
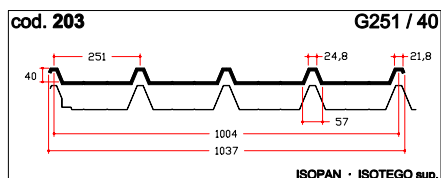
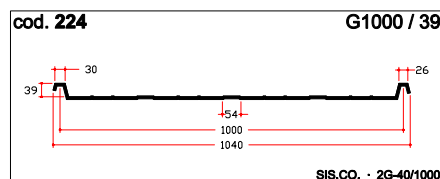
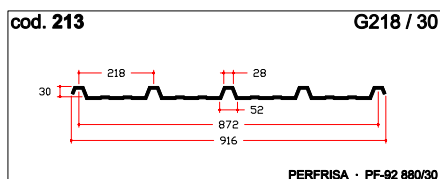
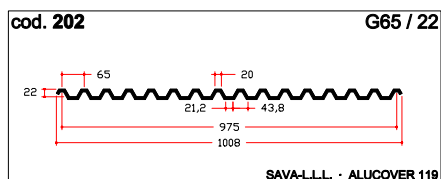
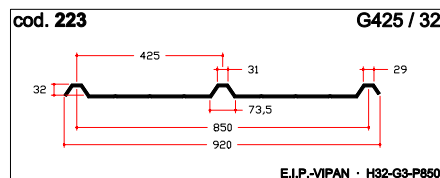
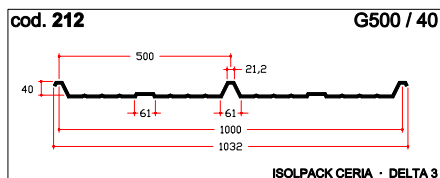
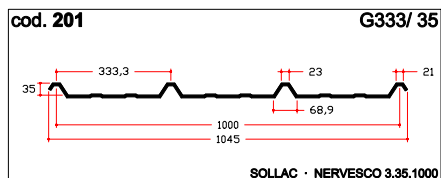
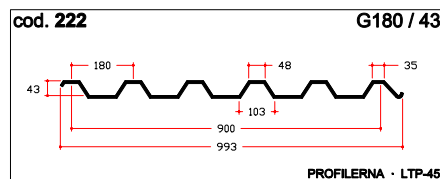
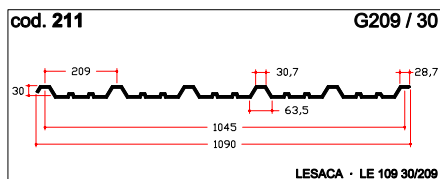
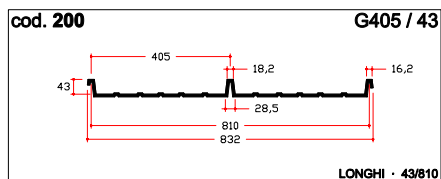
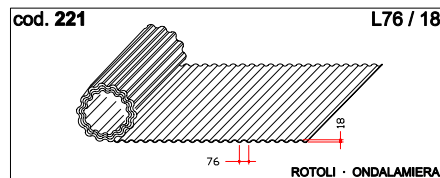
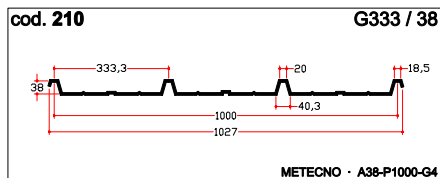
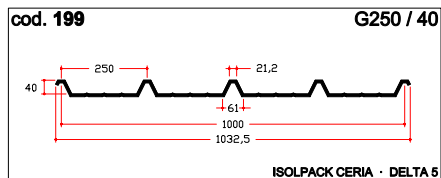
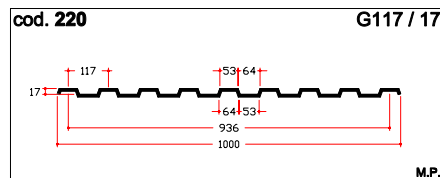
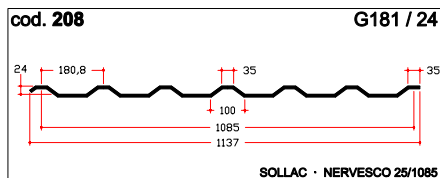
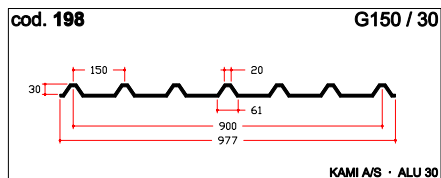
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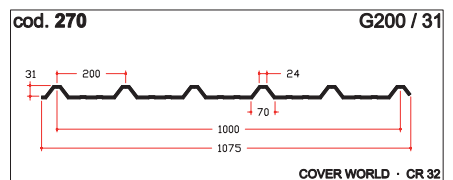
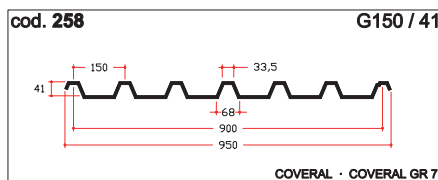
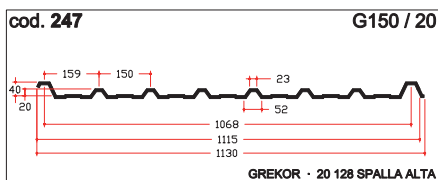
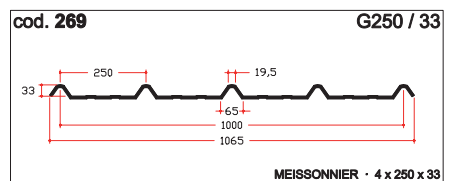
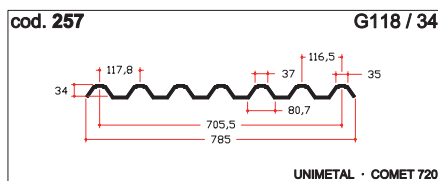
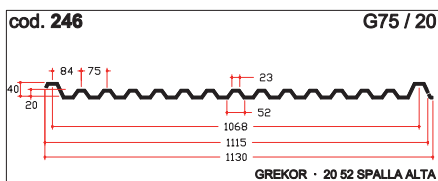
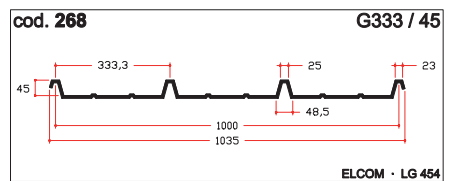
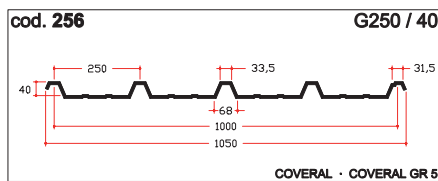
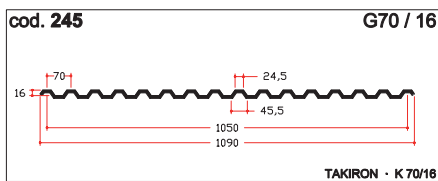
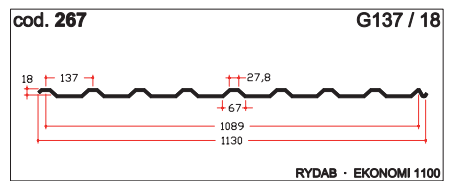
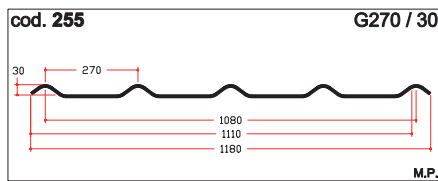
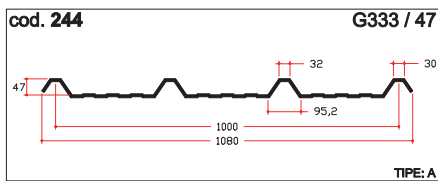
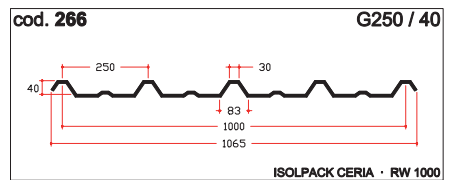
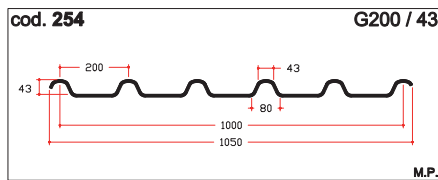
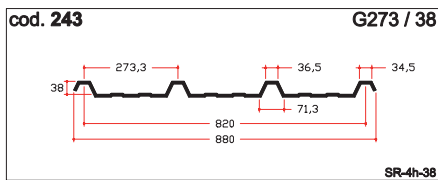
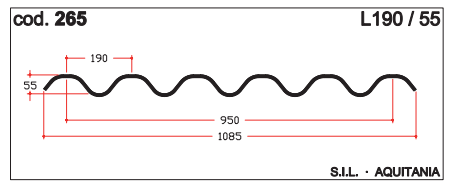
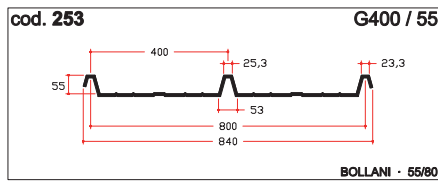
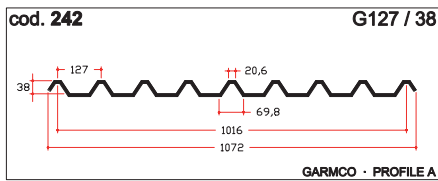
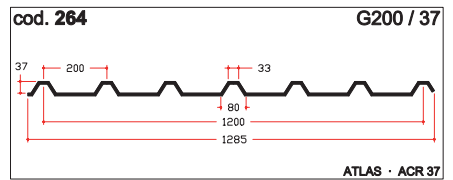
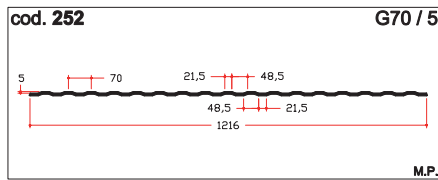
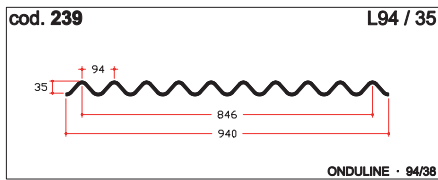
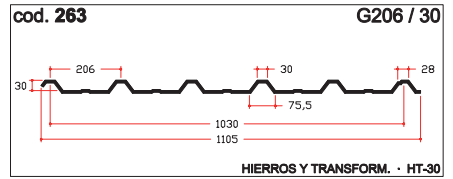
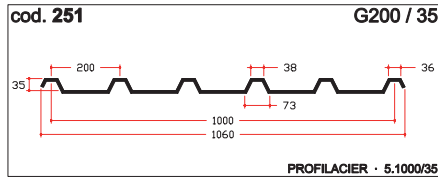
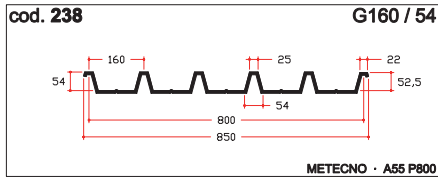
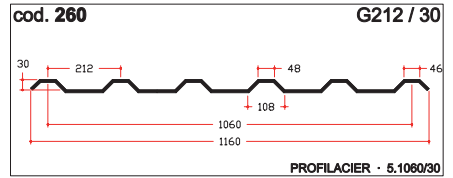
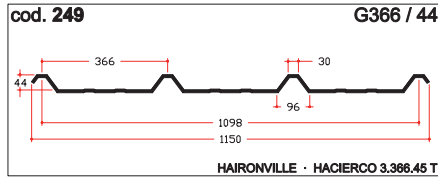
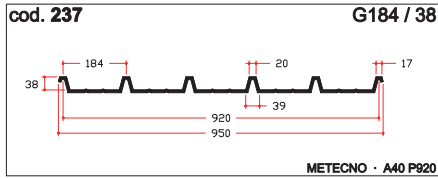
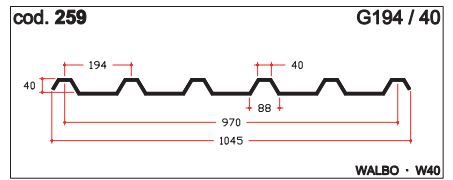
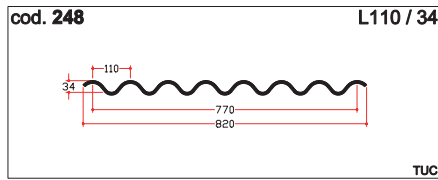
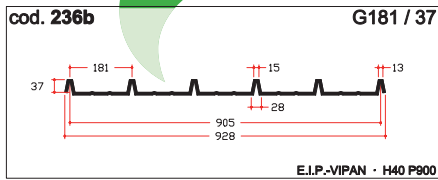
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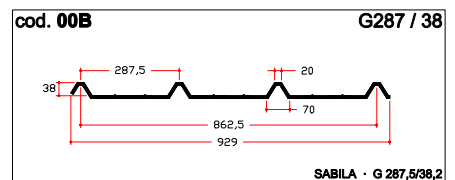
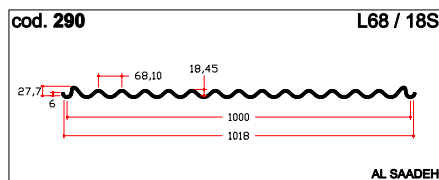
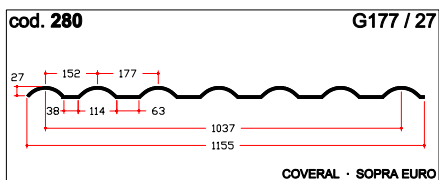
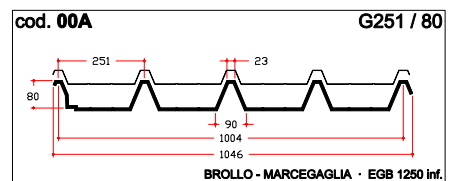
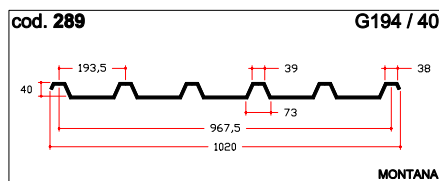
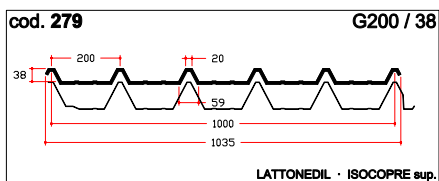
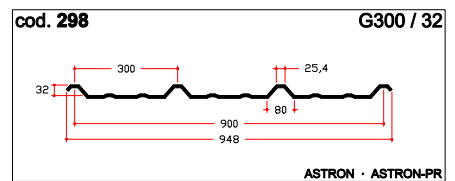
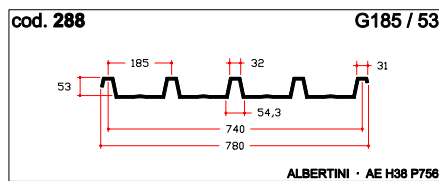
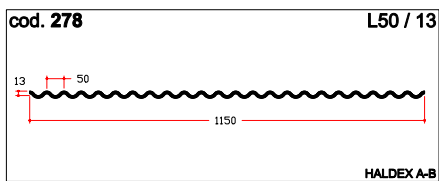
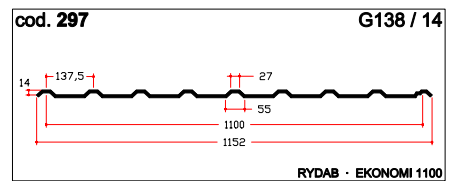
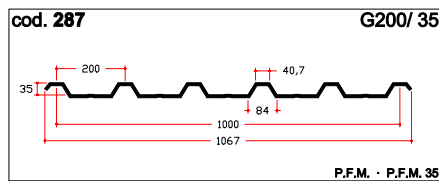
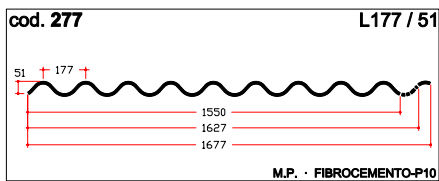
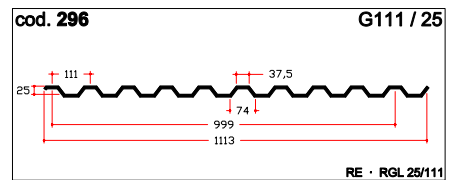
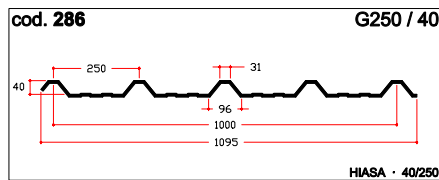
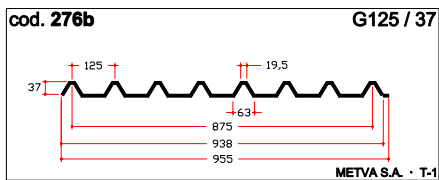
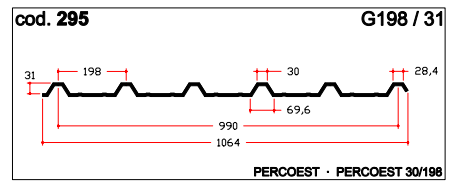
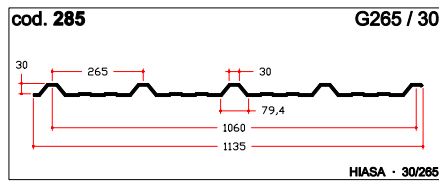
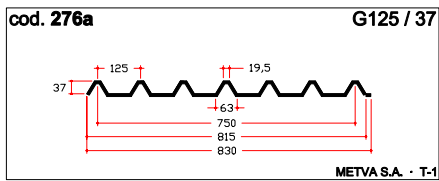
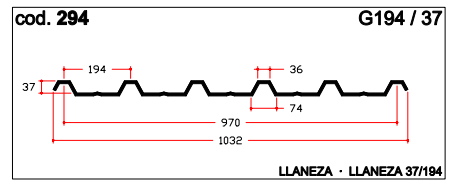
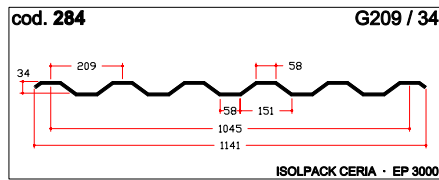
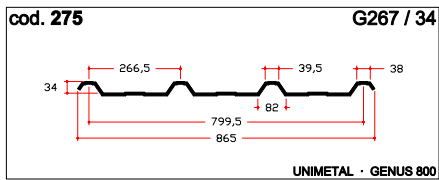
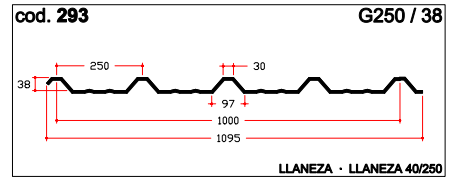
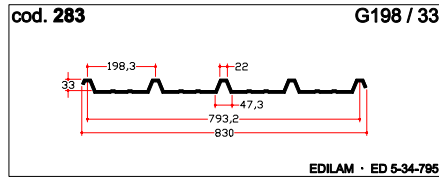
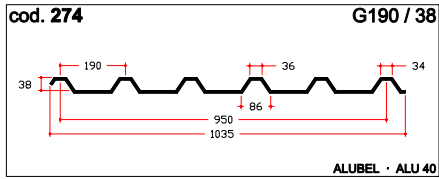
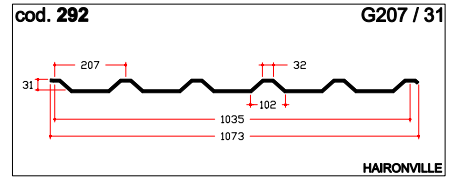
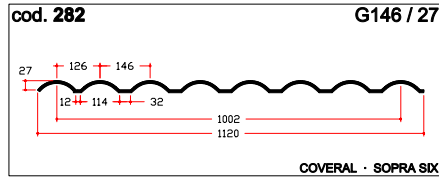
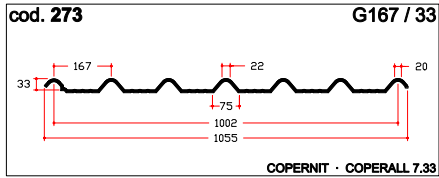
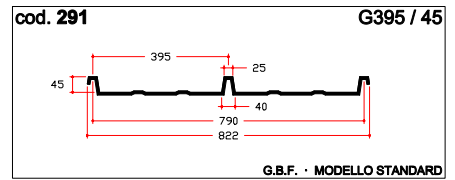
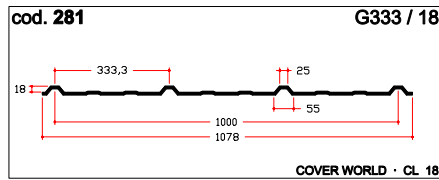
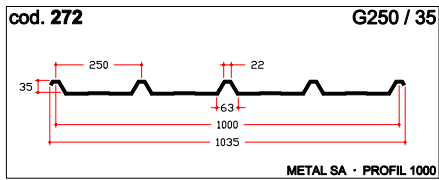
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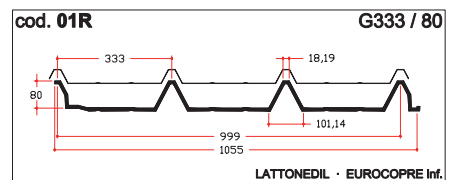
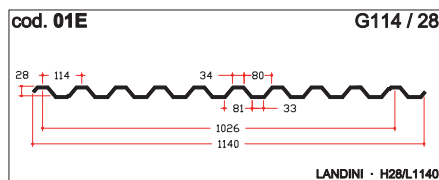
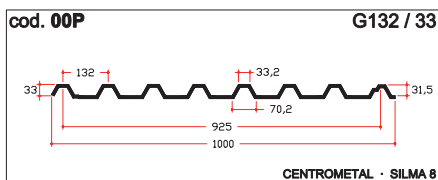
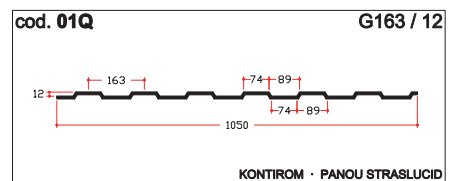
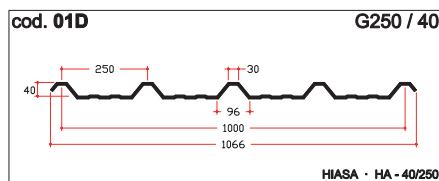
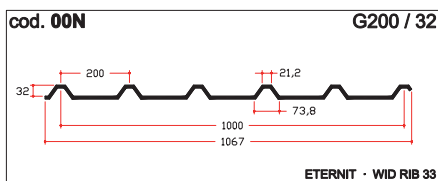
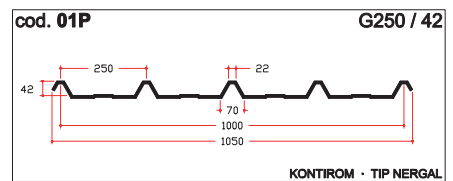
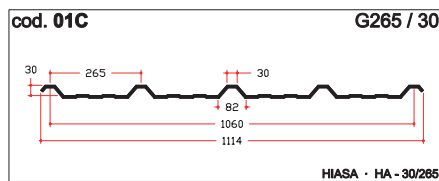
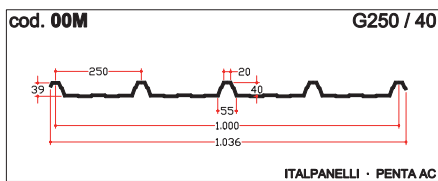
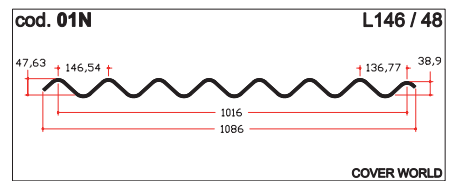
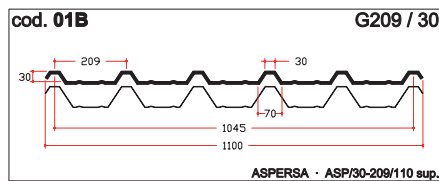
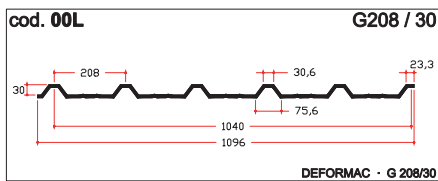
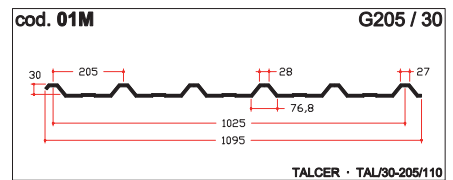
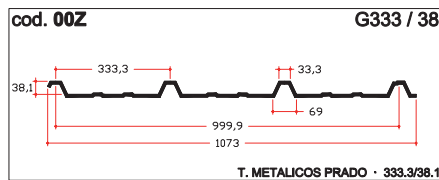
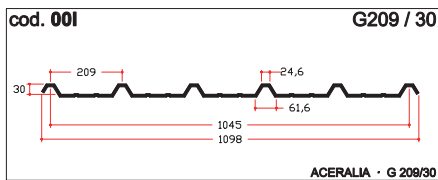
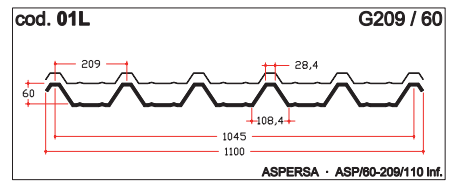
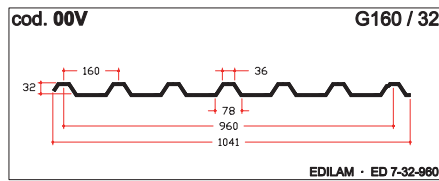
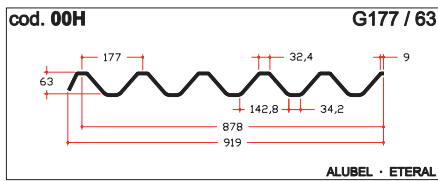
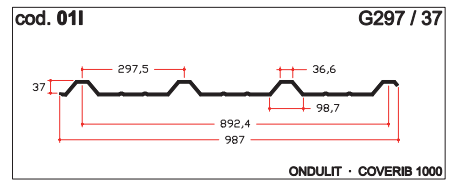
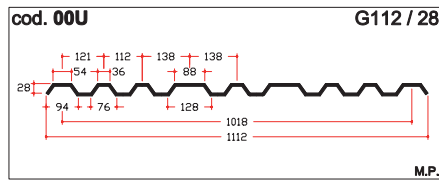
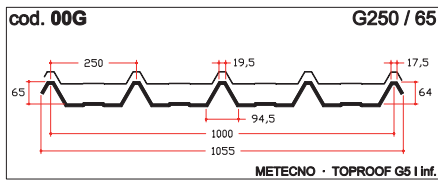
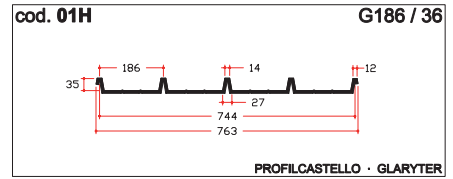
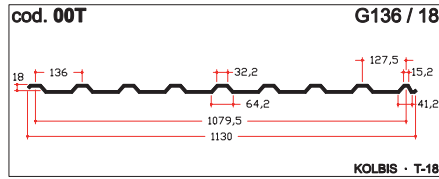
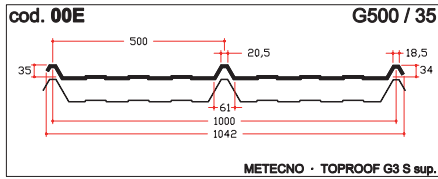
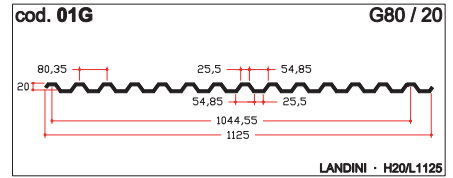
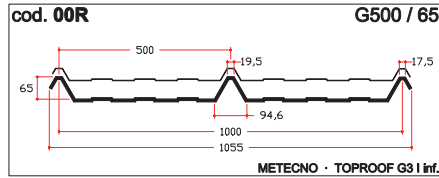
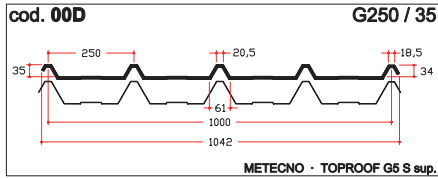
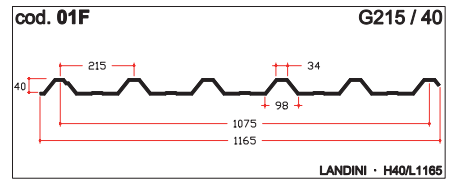
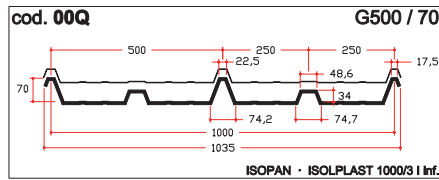
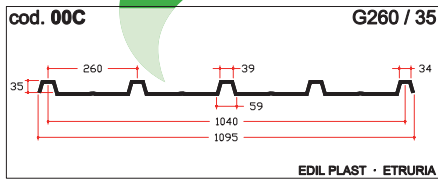
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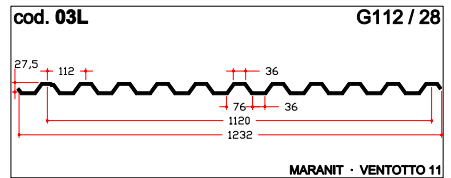
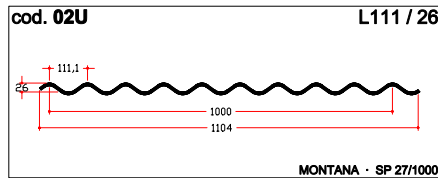
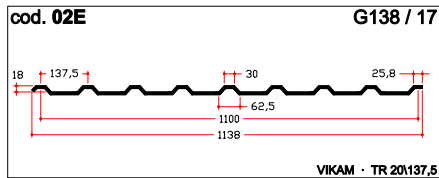
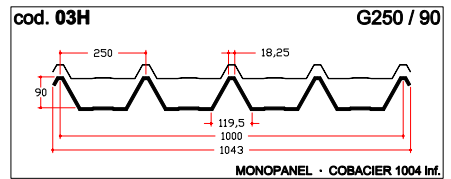
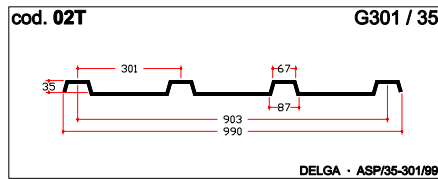
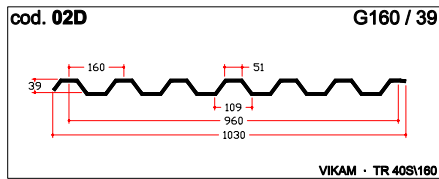
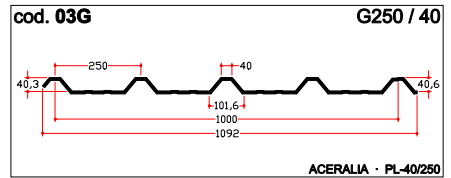
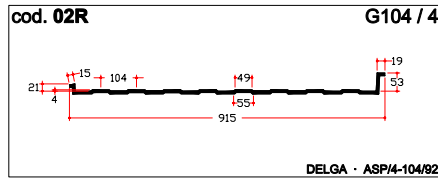
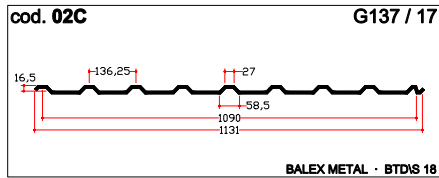
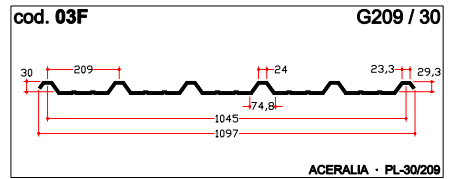
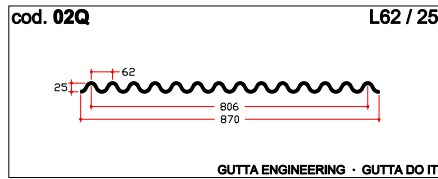
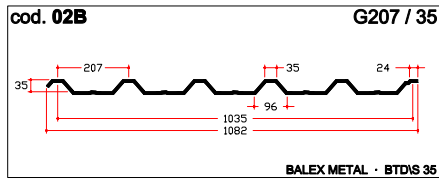
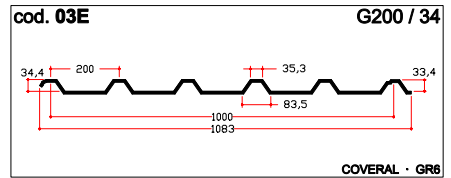
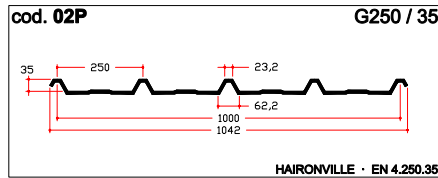
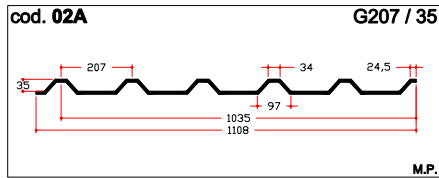
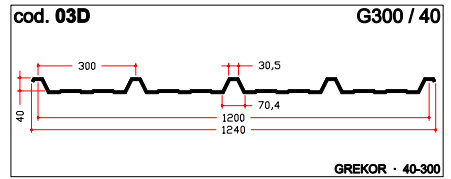
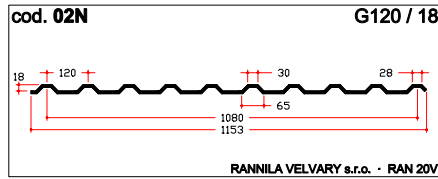
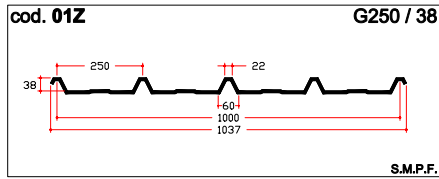
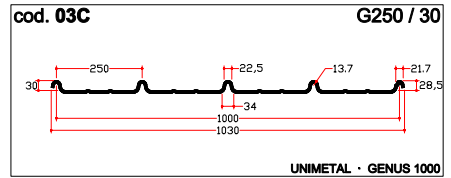
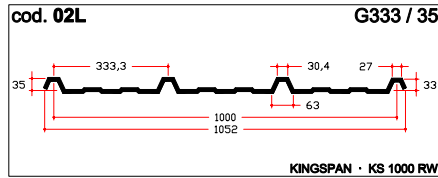
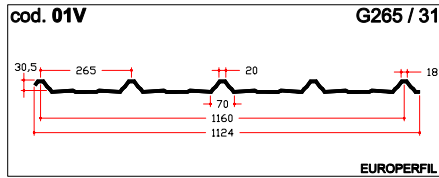
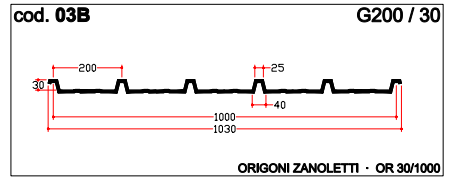
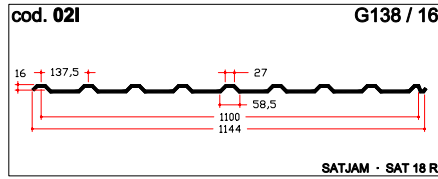
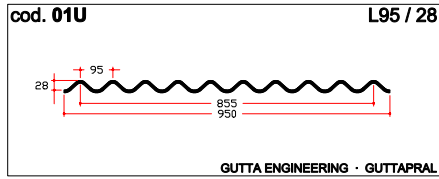
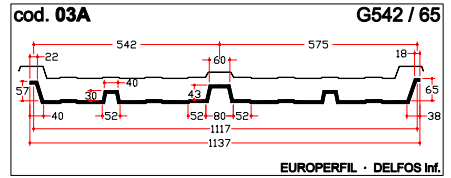
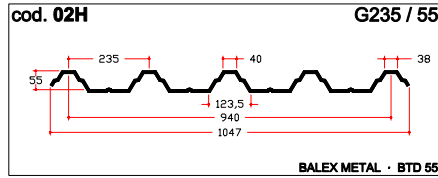
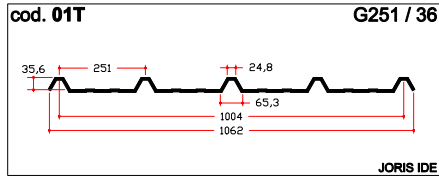
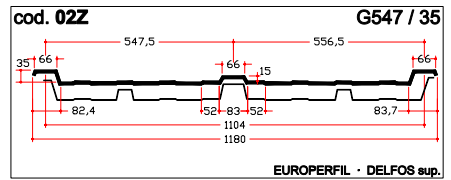
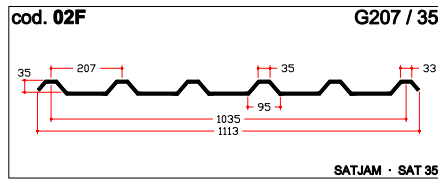
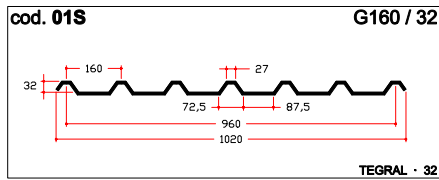
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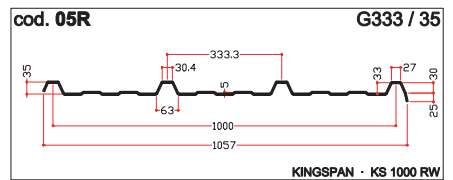
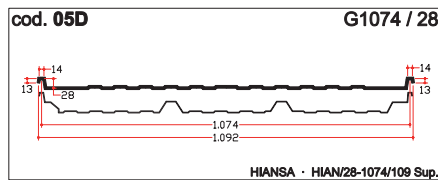
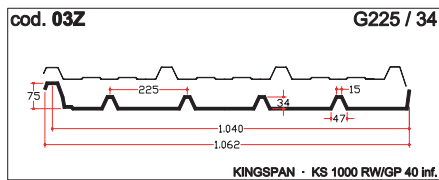
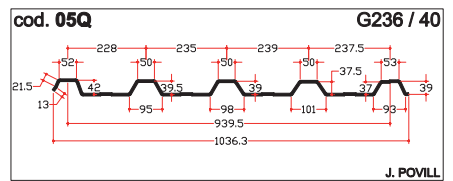
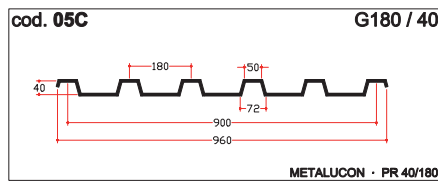
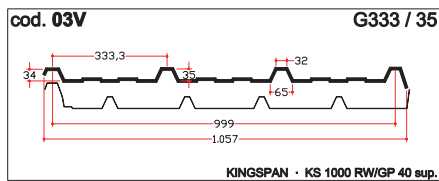
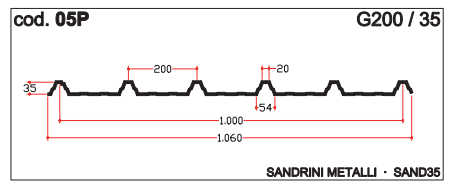
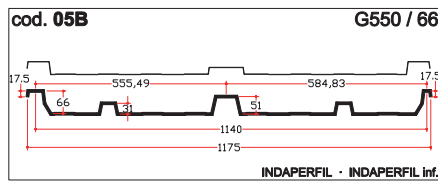
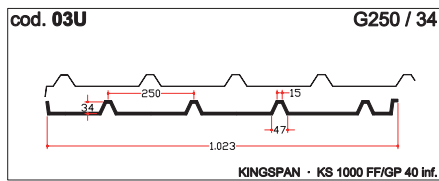
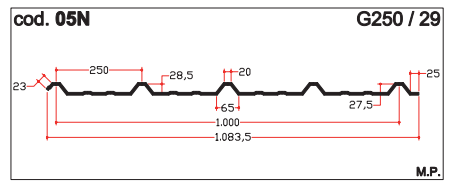
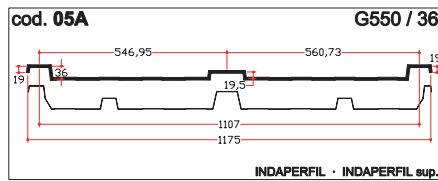
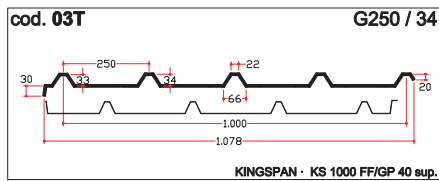
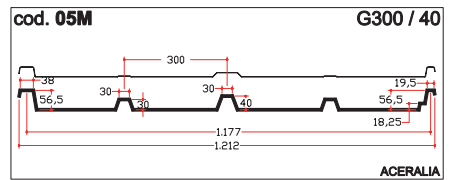
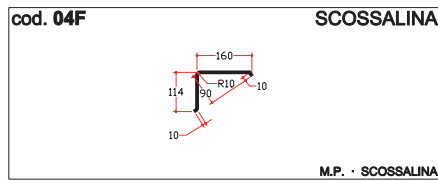
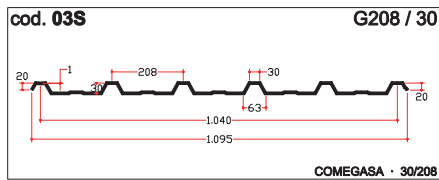
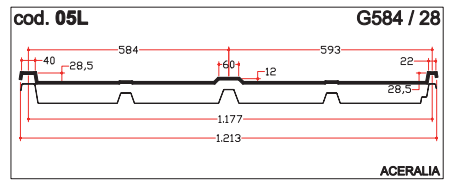
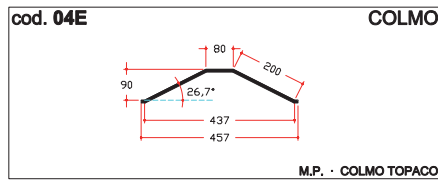
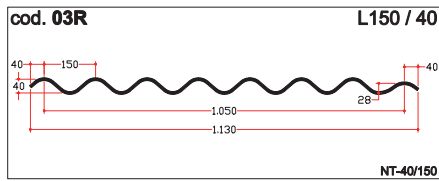
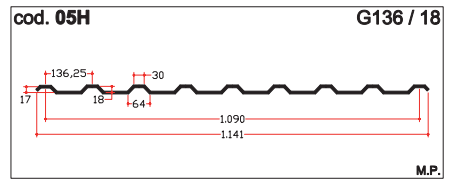
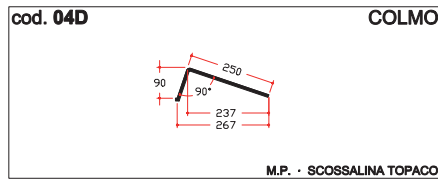
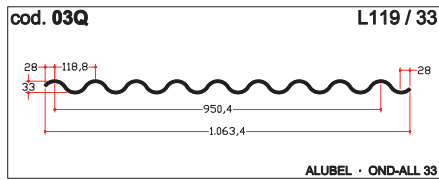
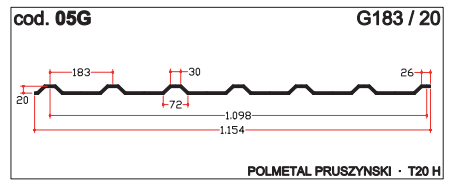
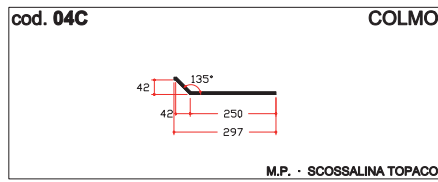
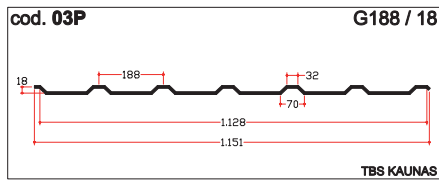
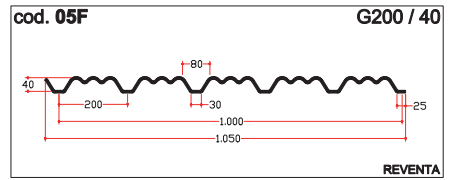
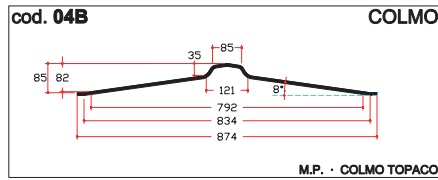
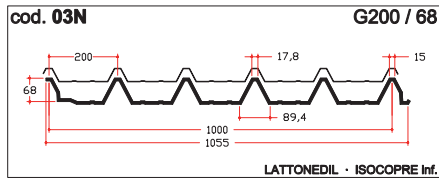
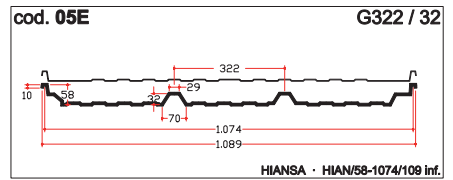
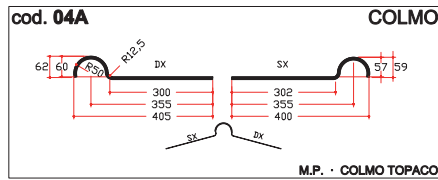
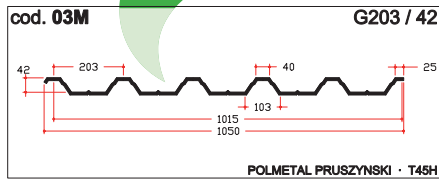
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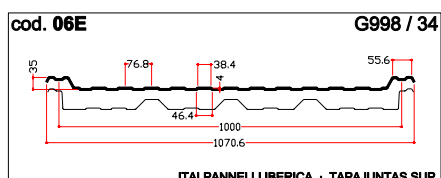
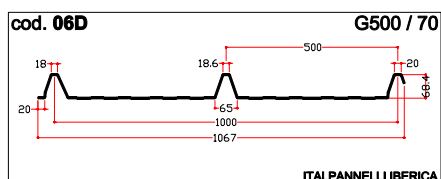
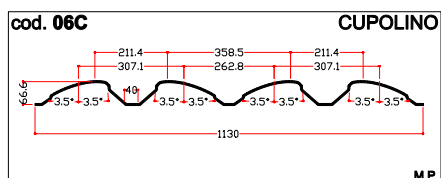
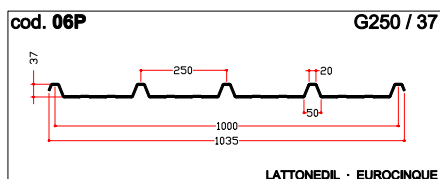
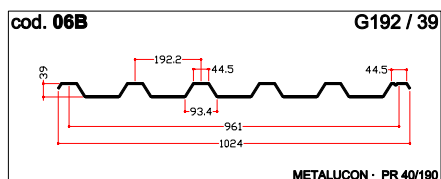
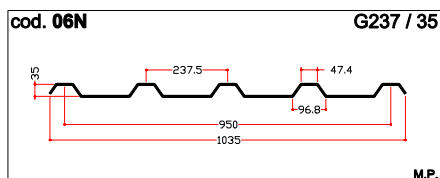
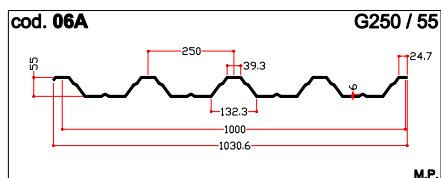
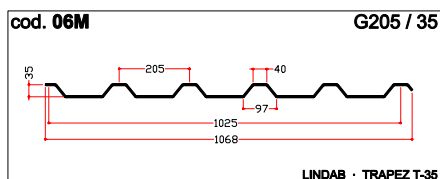
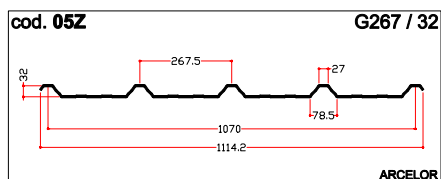
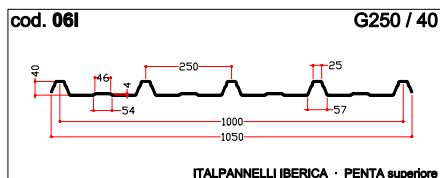
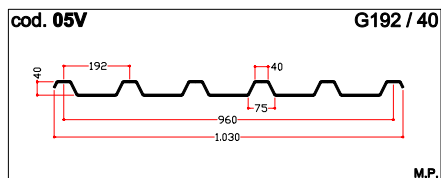
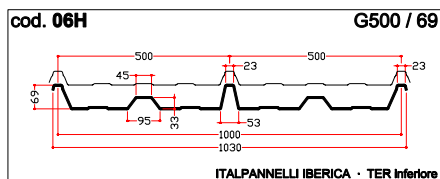
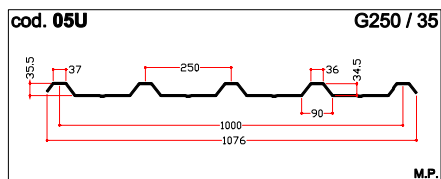
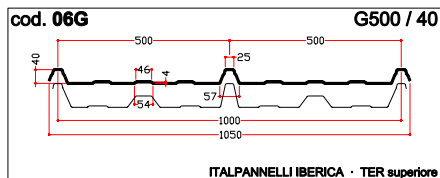
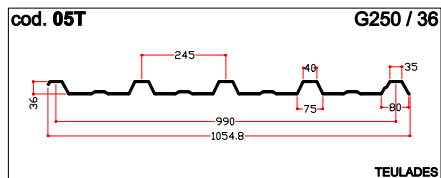
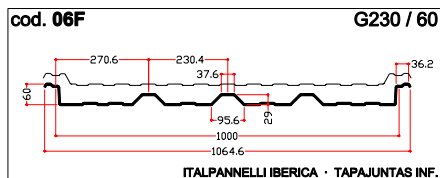
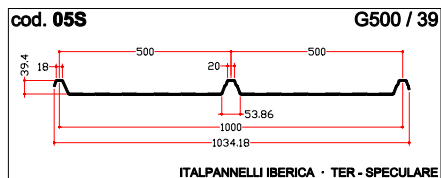
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