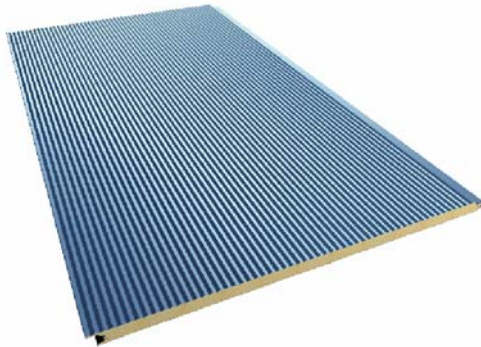


RANGE OF APLICATIONS:

Facades in vertical or horizontal position



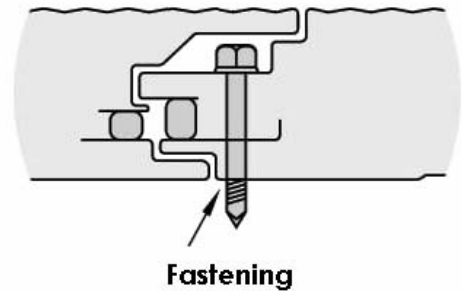
RAW MATERIALS:

- Steel quality: EN 10326
 - Galvanised Steel: EN 10326
 - Pre-lacquered Steel: EN 10169-1
 - Polyurethane panel: UNE 41950
 - Polyurethane injected without CFC's:
 - Compression resistance (10%): **2 kg/cm²**
 - Adhesion: **1,2 kg/cm²**
 - Colours and qualities:
 - See the EUROPERFIL colour chart
 - Dark colours not recommended.
- See assembly and set up instructions.

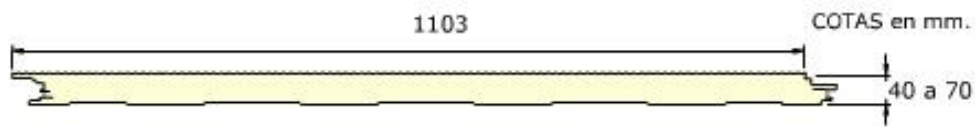
PHISICAL CHARACTERISTICS

Thickness (mm.)	Weight (0,75/0,5) (Kg/m2)	Coefficient of Thermal Transmission K (Kcal/m2.h.°C)
40	13,96	0,45
50	14,51	0,36
60	15,06	0,30
70	16,61	0,26

Reaction to fire: M2, according to UNE 23727-90. EUROCLASS: **CS3D0**
 According to the legislation EN 13501-1 la EUROCLASS: CS3D0 is equivalent to a product which is moderately combustible (C). Between 10 and 20 minutes until generalised ignition. With a lot of contribution to smoke (S3). And a product which does not produce drops of burning material.



CROSS SECTION



MANUFACTURING SPECIFICATIONS

PANEL	TOTAL WIDTH	USEFUL WIDTH	Polyurethane Foam		Outside face		Inside face		Lengths		
			Dens. Kg/m ³	Panel Thick.	Min. Thick.	Max. Thick.	Min. Thick.	Max. Thick.	Min. Profil.	Min. Cut	Max. Profiled
NILO 1103	1143	1103	55	40-70	0,6	0,75	0,5	0,6	3000	100	14.400
NILO 1003	1043	1003	55	40-70	0,75		0,5	0,6	3000	100	14.400
NILO 903	943	903	55	40-70	0,75		0,5	0,6	3000	100	14.400
NILO 603	643	603	55	40-70	0,75		0,5	0,6	3000	100	14.400

HEADQUARTERS
 Avda. de la Granvia, 179
 Pol. Ind. Granvia Sur
 E - 08908 BARCELONA
 ☎ +34 93 261 63 33
 📠 +34 93 261 63 38
 www.europrefil.es

CERVERA FACTORY
 Avda. Vall d'Aran, s/n.
 Pol. Ind. de Cervera
 E - 25200 CERVERA
 ☎ +34 973 53 20 26
 📠 +34 973 53 21 70

PANEL FACTORY
 Avda. Vall d'Aran, s/n.
 Pol. Ind. de Cervera
 E - 25200 CERVERA
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 📠 +34 973 53 21 70

TOLEDO FACTORY (NEW)
 C. Cobre, 12-16
 Pol. Ind. Las Canteras
 E - 45520 VILLALUENGA
 ☎ NEW LINE
 📠 NEW LINE



MECHANICAL CHARACTERISTICS

Decreasing loads

Panel Thickness (mm)	Admissible overload (daN/m ²)									
	TWO SUPPORTS									
	Span (m.)									
	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	
40	110	92	70	60	50	-	-	-	-	
50	140	112	95	80	72	60	-	-	-	
60	165	140	122	102	88	70	60	-	-	
70	200	170	146	130	115	100	85	75	66	

Panel Thickness (mm)	Admissible overload (daN/m ²)															
	THREE SUPPORTS															
	Span (m.)															
	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	5,25	5,50	5,75	6,00	
40	150	125	100	80	72	65	60	54	-	-	-	-	-	-	-	
50	185	160	135	110	100	92	85	77	70	62	52	-	-	-	-	
60	220	190	171	157	142	128	114	103	92	81	70	63	57	51	-	
70	230	202	180	162	153	144	135	127	119	97	92	85	77	69	61	

NOTE: For facade panel lengths superior to 8 m, vertical assembly is not recommended.