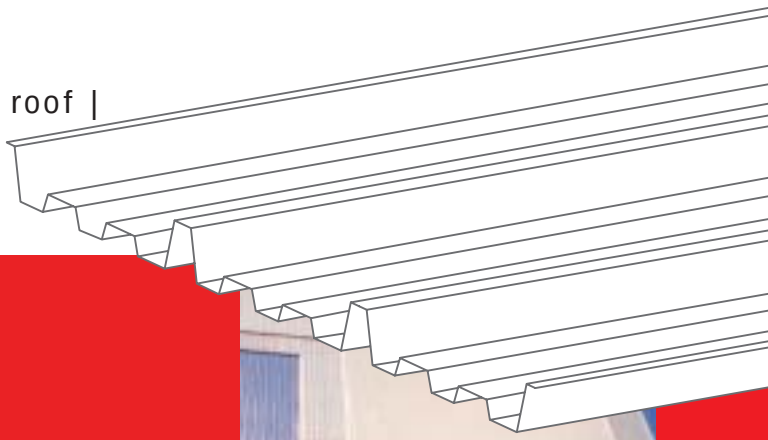
H R

total roofing	arched roofing	lighting
sawtooth roof	double roofing	umbrella roof
total cladding	insulating wall panel
suspended ceiling	traffic tunnel
cooling tower



ONDEX®
built for you

H R

Recognized superiority

ONDEX BI-STRETCHED sheets of the High Resistance range are designed for roofing and cladding of industrial buildings, storage and sports buildings.

They are particularly recommended when all basic features **for the construction of high quality buildings** are sought:

- Permanence, durability.
- Endurance, 1200 J shock resistance, mechanical resistance, resistance to hail and shocks from sports balls.
- Burning behavior, M1, B1 rating, class 1 (BS476-Part 7), self-extinguishing, lets smoke out.
- Adjusted lighting (cristal, translucent, ivory Diffuse or opaque).
- Resistance to low temperatures.
- Resistance to weather stress (rain, snow or wind).
- Resistance to ageing (BI-STRETCHING and COEXTRUSION combined).
- Curvability for creating a curved structure (concave or convex).
- Watertightness (keeps the same dimensions).
- Resistance to salty climates.
- Resistance to chemicals (broad range of resistance).
- Technical certifications (CSTB technical notices, Socotec Surveys, 1200 J, Zulassung, Aprobata techniczna ITB, VUPS Certificaeni spolecnost, Class B non fragile, ...).

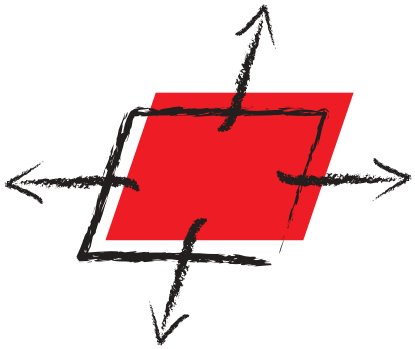
BI-STRETCHING

An ONDEX process that generates stronger resistance

BI-STRETCHING: an ONDEX* process which guarantees an exceptional level of performance by stretching the polyvinyl sheet at high temperatures :

- **shock resistance,**
- **mechanical resistance,**
- **resistance to cold and heat shocks.**

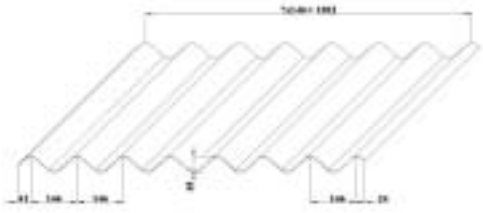
**patented by SOLVAY*



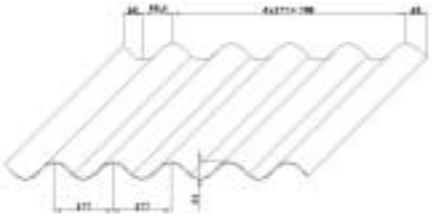
PROFILES*

All the profiles of the HR range

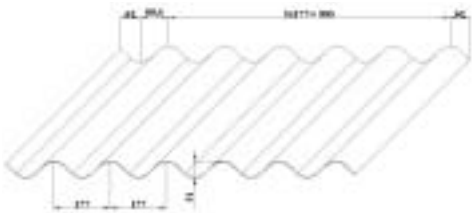
BIG 6 - 146x48



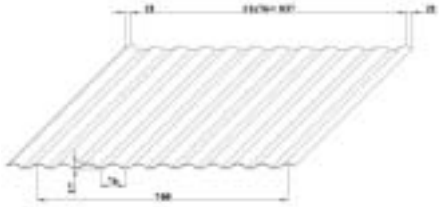
GO 177/51 - 5 1/2



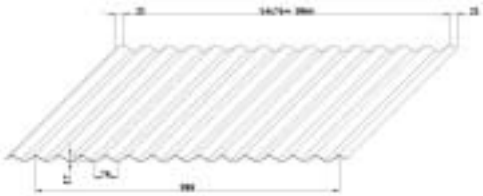
GO 177/51 - 6 1/2



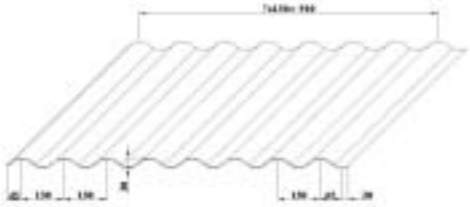
TO 12 - 76x18



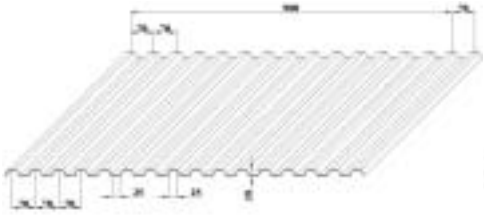
TO 15 - 76x18



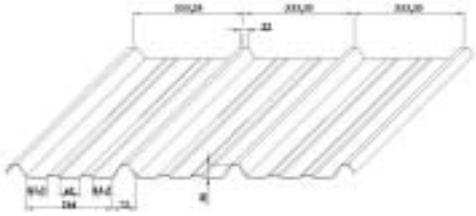
130/30



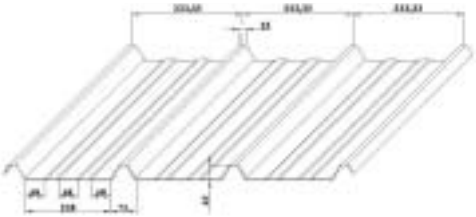
GRECA 70x18



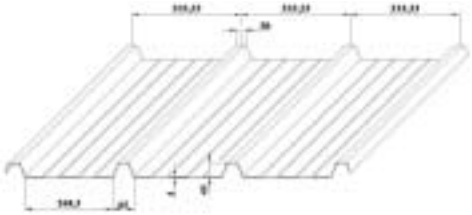
HAIRONVILLE 3-333-39



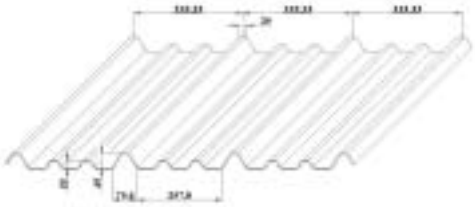
NERVESCO 1000TS / 3-333-45



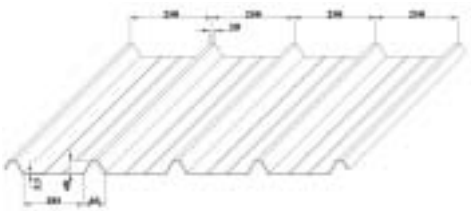
NERGAL 1000 / 3-333-45



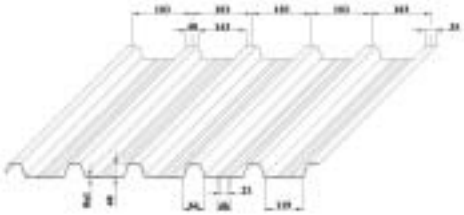
EURO 92



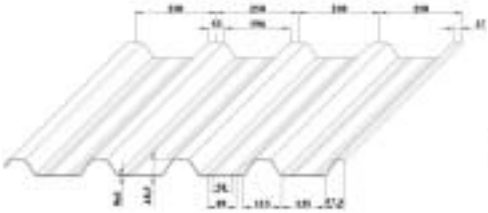
COBACIER 1004 / 4-250-40



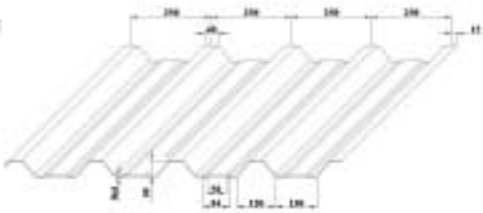
40/183 HOESCH



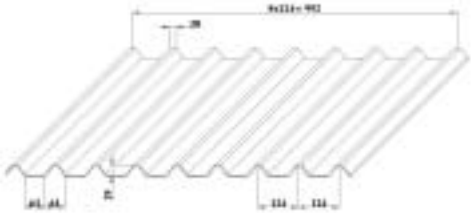
50/250 HOESCH



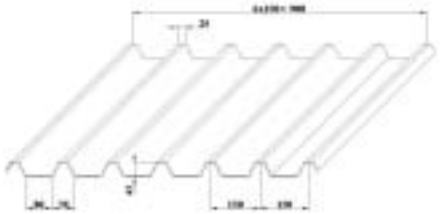
50/250 FISCHER



124/29



150/45



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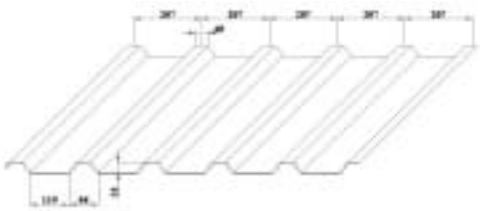
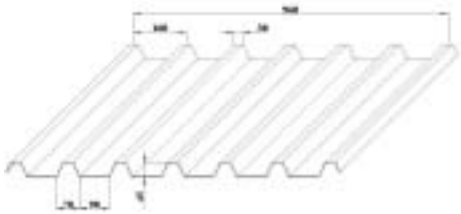


160x45



**Please consult us for profiles that are not included in your price list.*

PROFILES*	SKETCHES	APPLICATIONS	MAXIMUM INTERAXIAL OF SUPPORTS (m)	INTERAXIAL OF SUPPORTS FOR A LOAD OF SNOW OF 50 daN/m² AND/OR OF WIND OF 70 daN/m²	LONGITUDINAL OVERLAP	
BIG 6 - 146x48		1-2-3-4-5-6	1,38	1,38	1/2 ripple	
GO 177/51-5 1/2		1-2-3-4-5-6-19-22	1,385	1,385	1/2 ripple	
GO 177/51-5 1/2 1200 J		1-2-3-4-5-6-19-22	1,385	1,385	1/2 ripple	
GO 177/51-6 1/2		1-2-3-4-5-6-19-22	1,385	1,385	1 ripple 1/2	
GO 177/51-6 1/2 1200 J		1-2-3-4-5-6-19-22	1,385	1,385	1 ripple 1/2	
TO 12 - 76x18		1-2-3-4-5-6	1,1	1,1	2 ripples	
TO 15 - 76x18		1-2-3-4-5-6	1,1	1,1	2 ripples	
130/30		1-2-3-4-5-6	1,2	1,2	1 ripple	
GRECA 70x18		1-2-3-4-5-6-7-8-9-10-11-15-19-20-21-22	1,1	1,1	2 nervures	
HAIRONVILLE 3-333-39		1-2-3-4-5-6-7-8-9-10-11-19-20-21-22	1,5	1,35	1 rib	
NERVESCO 1000TS / 3-333-45		1-2-3-4-5-6-7-8-9-10-11-19-20-21-22	1,5	1,5	1 rib	
NERGAL 1000 / 3-333-45		1-2-3-4-5-6-7-8-9-10-11-19-20-21-22	1,5	1,5	1 rib	
EURO 92		1-2-3-4-5-6-7-8-9-10-11-19-20-21-22	1,5	1,45	1 rib	
COBACIER 1004 / 4-250-40		1-2-3-4-5-6-7-8-9-10-11-19-20-21-22	1,5	1,5	1 rib	
40/183 HOESCH		1-2-3-4-5-6-7-9-10-11	1,5	1,28	1 rib	
50/250 HOESCH		1-2-3-4-5-6-7-9-10-11	1,5	1,43	1/2 rib	
50/250 FISCHER		1-2-3-4-5-6-7-9-10-11	1,5	1,43	1 rib	
124/29		1-2-3-4-5-6-7-9-10-11	1,2	1,2	1 rib	
150/45		1-2-3-4-5-6-7-9-10-11	1,5	1,5	1 rib	
35/207		1-2-3-4-5-6-7-9-10-11	1,5	1,5	1/2 rib	
160x45		1-2-3-4-5-6-7-9-10-11	1,5	1,5	1 rib	

** Please consult us for profiles that are not included in your price list.*

For further information, see technical documentation.

LEGEND OF APPLICATIONS

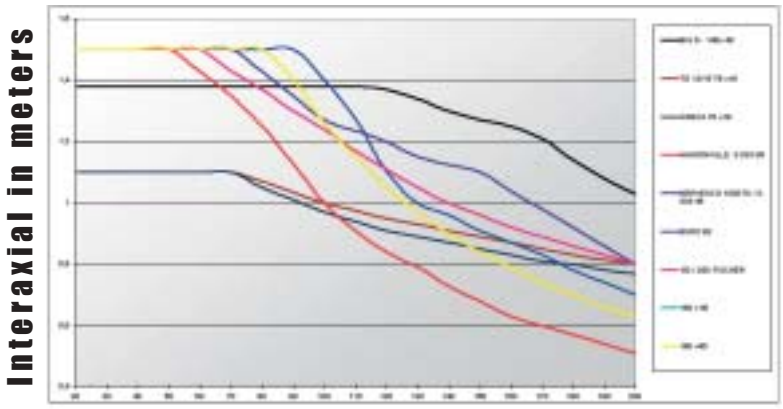
1 – TOTAL ROOFING
2 – CURVED ROOFING
3 – ILLUMINATION ON ROOFING
4 – SAWTOOTH ROOFING
5 – DOUBLE ROOFING
6 – UMBRELLA ROOF
7 – PERGOLA AND PORCH ROOF
8 - CANOPY, ARBOR
9 – TOTAL CLADDING

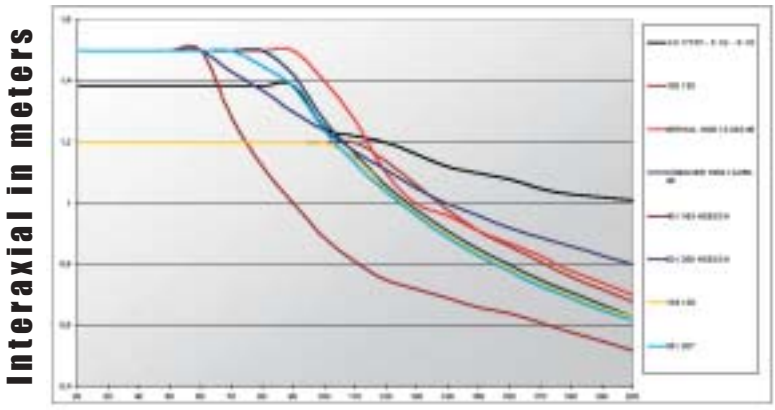
			ROOFING				CLADDING		
	EFFECTIVE WIDTH (m)	m² OF PLATE FOR 1 m² OF ROOFING OR CLADDING	MINIMUM SLANT	NUMBER OF FASTENERS PER LENGTH OF PLATE PER SUPPORT	AVERAGE NUMBER OF MAIN FASTENERS PER m² OF PLATE	POSITION OF FASTENERS AT THE APEX OF RIPPLES OR RIBS	NUMBER OF FASTENERS PER LENGTH OF PLATE PER SUPPORT	AVERAGE NUMBER OF MAIN FASTENERS PER m² OF PLATE	POSITION OF FASTENERS AT THE CAVITY OF RIPPLES OR RIBS
	1,022**	1,06	9 %	4	4,5	1-3-5-7			
	0,873**	1,05	9 %	3	3,9	1-3-5			
	0,873**	1,05	9 %	5	6,5	1-2-3-4-5			
	0,885**	1,24	9 %	3	4,6	1-3-4			
	0,885**	1,24	9 %	5	7,6	1-2-3-4-5			
	0,76**	1,20	15 %	3	6,5	1-4-8			
	0,988**	1,12	15 %	4	6,2	1-4-8-11			
	0,91**	1,10	15 %	4	6,0	1-3-5-7			
	0,98**	1,10	15 %	3	4,6	1-6-10	4	6,1	1-4-8-11
	1**	1,06	10 %	3	3,5	1-2-3	4	4,7	Base of rib 1-2-4-6
	1**	1,05	10 %	3	3,2	1-2-3	4	4,2	Base of rib 1-2-4-6
	1**	1,06	10 %	3	3,2	1-2-3	4	4,2	Base of rib 1-2-4-6
	1**	1,06	10 %	3	3,3	1-2-3	4	4,4	Base of rib 1-2-4-6
	1**	1,05	10 %	4	4,2	1-2-3-4	5	5,3	Base of rib 1-2-4-6-8
	0,915**	1,05	10 %	3	4,0	1-3-4	3	4,0	Cavity of rib 1-3-5
	1**	1,04	10 %	2	2,2	1-3	2	2,2	Cavity of rib 1-3
	1**	1,05	10 %	2	2,2	1-3	2	2,2	Cavity of rib 1-3
	0,992**	1,07	15 %	4	5,4	1-3-5-7	5	6,7	Cavity of rib 1-3-4-7-8
	0,9**	1,06	10 %	3	3,5	1-3-5	3	3,5	Cavity of rib 1-3-5
	1,035**	1,04	15 %	3	3,0	1-3-4	3	3,0	Cavity of rib 1-3-4
	0,96**	1,07	15 %	3	3,3	1-3-5	3	3,3	Cavity of rib 1-3-5

*** See price list for invoiced widths.*

10 – ILLUMINATION IN CLADDING
11 – INSULATING WALL PANEL
12 – EQUIPMENT BUILDING
13 - HOARDING
14 - PARTITION
15 – SUSPENDED CEILING
16 – WALL PROTECTION (Shock and hygiene)
17 - HOOD
18 - SKYLIGHT
19 - LAMELLAR SETTLING SYSTEM
20 - TRAFFIC TUNNEL
21 - DRAINAGE
22 – COOLING TOWER

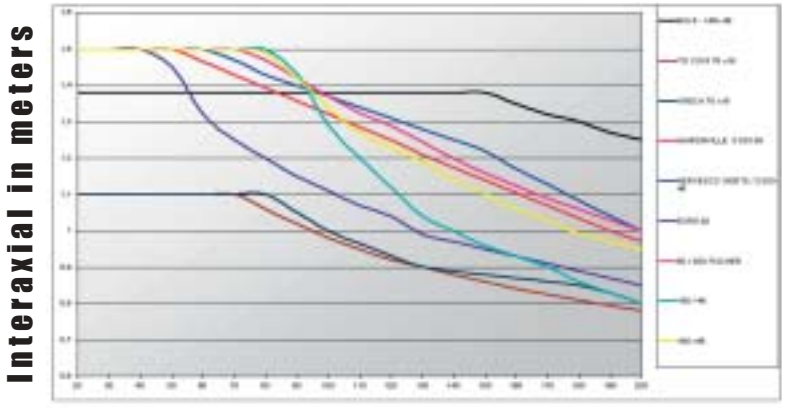
DEPRESSION DUE TO WIND

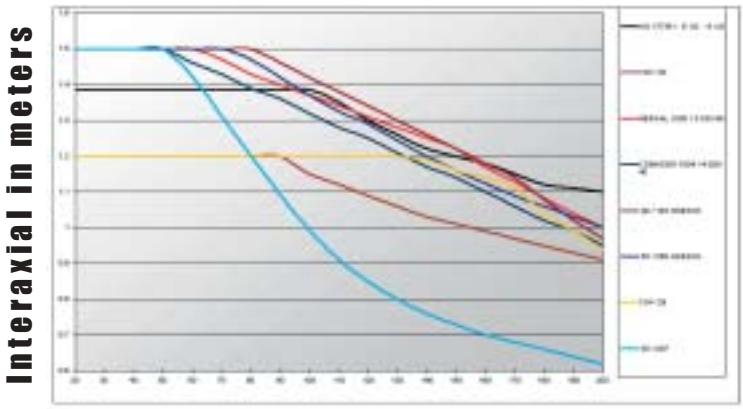




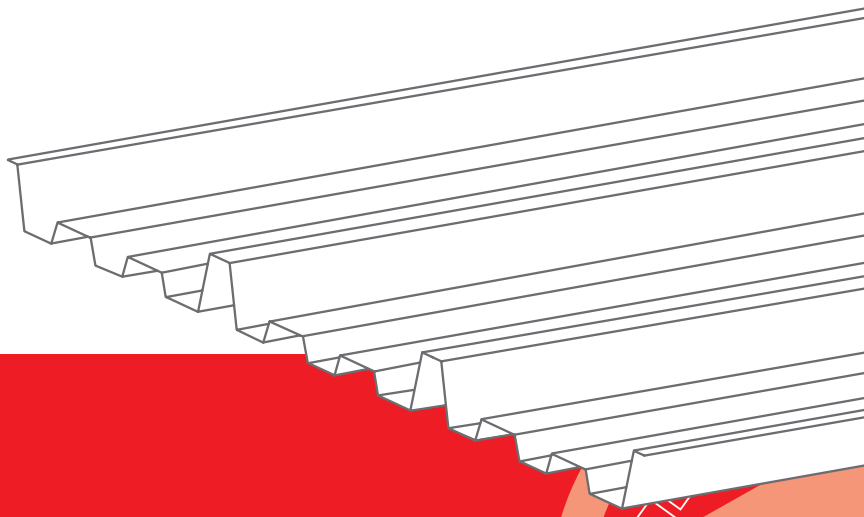
For further information, see technical documentation.

PRESSURE DUE TO SNOW





For further information, see technical documentation.



REFERENCES