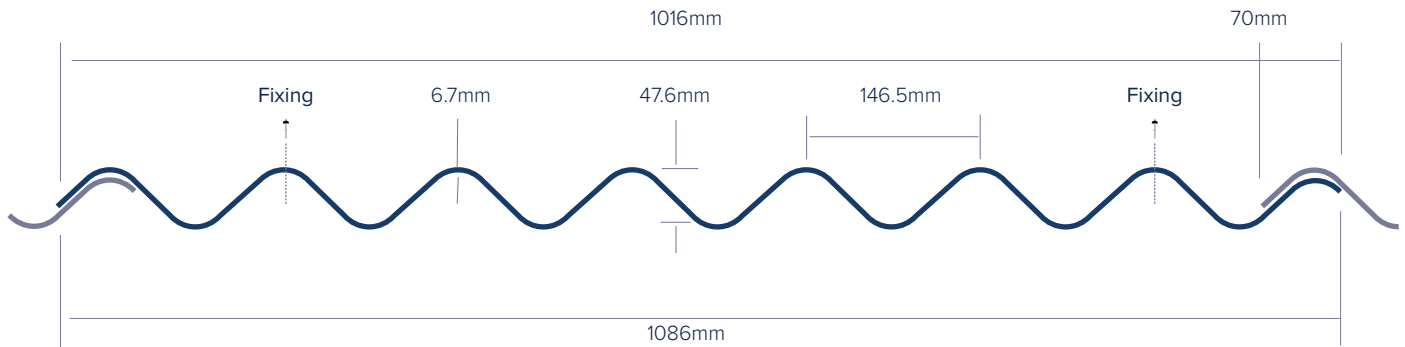


EUROSIX SD



GEOMETRIC CHARACTERISTICS

DIMENSIONS	NOMINAL VALUES mm	TOLERANCE mm	REFERENCE STANDARD
Length	from 1525 to 3050	± 10	EN 494
Width	1086	+ 10-5	EN 494
Cover Width	1016	-	-
Thickness	6.5	± 0.6	EN 494
Corrugation Pitch	146.5	± 2	EN 494
Corrugation Height	47.6	± 3	EN 494
Out of Squareness	-	Max 6	EN 494

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PHYSICAL CHARACTERISTICS			
Test	Nominal Values	Tolerance	Reference Standard
Bulk Density	≥ 1.625 g/cm ³	-	UNI EN 494
Water Absorption	≤ 18 %	-	UNI EN 494
Weight (as laid)	18 kg/m ²	± 1.5 kg/m ²	-
Humidity After 30 Days of Aging	≤ 10 %	-	-
Fire Reaction (Incombustibility)	Class 1	-	BS 476/7 of 1997
Impermeability to Water	Compliant	-	UNI EN 494
Thermal Conductivity	0.34 W/mK	-	-
Sound-Insulation "Rw"	31 dB	± 2dB	ISO 717
MECHANICAL CHARACTERISTICS			
Test	Nominal Values	Average Value	Reference Standard
Ultimate Tensile Strength (24 hours in water)	≥ 4250 N/m	5000 N/m	UNI EN 494
Bending Moment (24 hours in water)	≥ 55 Nm/m	70 Nm/m	UNI EN 494
Ultimate Tensile Strength (as delivered)	-	6800 N/m	UNI EN 494
Bending Moment (as delivered)	-	90 Nm/m	UNI EN 494
Buckling Strength (submerged in hot water)	L ≥ 0.75	L = 1	UNI EN 494
Buckling Strength (50 submerged wet-dry cycles)	L ≥ 0.75	L = 1.2	UNI EN 494
Buckling Strength (100 freeze/thaw cycles)	L ≥ 0.75	L = 1	UNI EN 494
Buckling Strength (after residence in oven)	L ≥ 0.75	L = 0.8	UNI EN 494
Hail Resistance	Class 11	Class 19	UNI 10890
Resistance to Puncture by a Large, Soft Object	Class C	Class C	ACR [M]

