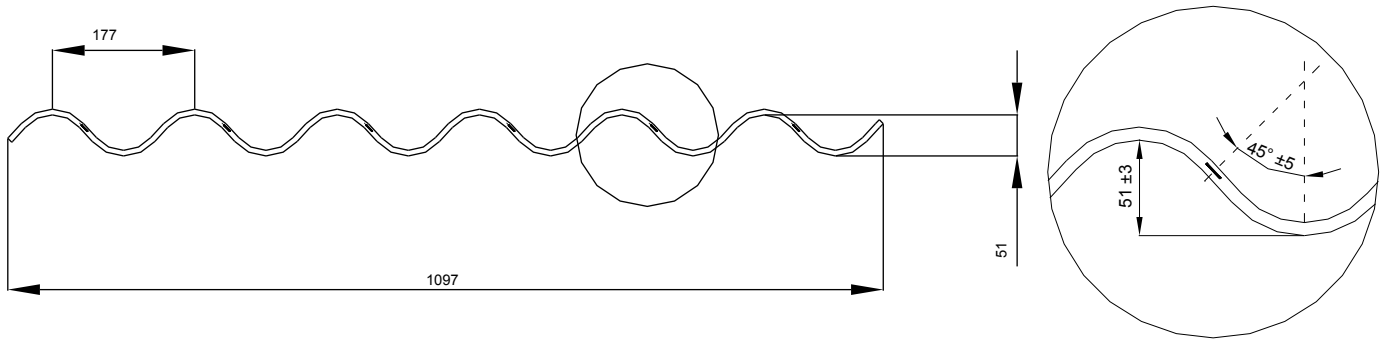




EURO P177-6

TECHNICAL DATASHEET

Technical Drawings



Geometric Characteristics

Dimensions	Nominal Values (mm)	Tolerance (mm)	Ref Standard
Length	From 1220 to 3050	± 10	EN 494
Width	1097	± 10/-5	EN 494
Net Width	1050	/	/
Thickness	6,5	± 0,6	EN 494
Corrugated Distance	177	± 2	EN 494
Corrugated Height	51	± 3	EN 494
Downward Terminal Corrugation	From 8 to 15	/	/
Upward Terminal Corrugation	From 42 to 49	/	/
Out Of Squareness	/	Max 6	EN 494

Physical Characteristics

Dimensions	Nominal Values (mm)	Tolerance (mm)	Ref Standard
Bulk Density	≥ 1,625 /cm ³	/	UNI EN 494
Water Absorption	≤ 18%	/	UNI EN 494
Weight	15 kg/m ²	± 1,5 kg/m ²	/
Humidity After 30 Days Of Aging	≤ 10%	/	/
Fire Reaction Incombustibility	A1	/	UNI EN 13501/1
Impermeability To Water	Compliant	/	UNI EN 494
Thermal Conductivity	0,34 W/mK	/	/
Sound Insulation "Rw"	31 dB	± 2 dB	ISO 717

Mechanical Characteristics

Test	Nominal Values (mm)	Tolerance (mm)	Ref Standard
Ultimate Tensile Strength (24 Hours In Water)	4250 N/m	5500 N/m	UNI EN 494
Bending Moment (24 Hours In Water)	55 Nm/m	80 Nm/m	UNI EN 494
Ultimate Tensile Strength (As Delivered)	//	7150 N/m	UNI EN 494
Bending Moment (As Delivered)	//	100 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	Compliant	//	UNI 10960

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