

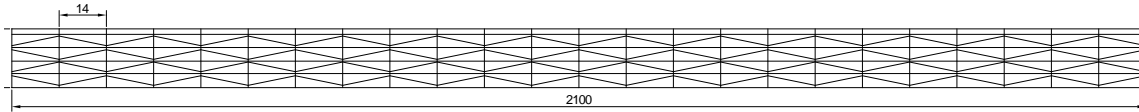


<p>Version 01 Latest update 05/2013</p> <p>Product CODE XXXX</p>	<p>TECHNICAL DATA</p> <p>MULTIWALL SHEET</p> <p>MACROLUX 10X E.S. 25mm</p>	 <p>EMP Estrusione Materiali Plastici</p> <p>EMP Sales Department Tel. +41 (0)91 641 72 11 Fax +41 (0)91 641 72 95 www.macrolux-emp.com</p>
		



TECHNICAL CHARACTERISTICS

	Units	Value	Notes
Number of walls	.	10	Double X structure
Thickness	mm	25	1+(Nominal)
Weight	Kg/m ²	3.4	.70 PSF
Width	mm	2100	48+standard width
Length	mm	7000	Up to 39q0 length
Thermal insulation (U-value)	BTU/f ²	.23	Certified value ⁽¹⁾ R-Value = 4.37
Minimum cold bending radius	mm	4500 / 6250 ^(*)	177+. 246+(*)
Light transmission ⁽²⁾	%	38	Clear (0010)
		17	Opal (0037)
		27	IR gold (0810)
SHGC ⁽³⁾	%	63	Clear (0010)
		43	Opal (0037)
		20	IR gold (0810)
Fire certification	.	B s2 d0	According to EN 13501-1 ASTM reports available
Coefficient of thermal expansion	mm/m °C	0,065	.
Service temp. (continuous use)	°C	-30°C ÷ 120°C	-22°F to 248°F
UV protection	.	Yes	Coextruded on external side Coextruded on both side upon request
Warranty	.	.	Check Koscon 10 years limited warranty

⁽¹⁾ According to EN 673, EN ISO 10077-2, EN ISO 6946

⁽²⁾ Internal test according to ASTM D1003, tolerance ± 5%

⁽³⁾ According to internal test method

^(*) For bending radius lower than 4500 mm some waves could appear in internal structure on traslucent colours (for example clear) but this doesn't change properties of the sheet. To avoid this problem we suggest a minimum bending radius not lower than 6250 mm for traslucent colours



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TECHNICAL DATA

MULTIWALL SHEET

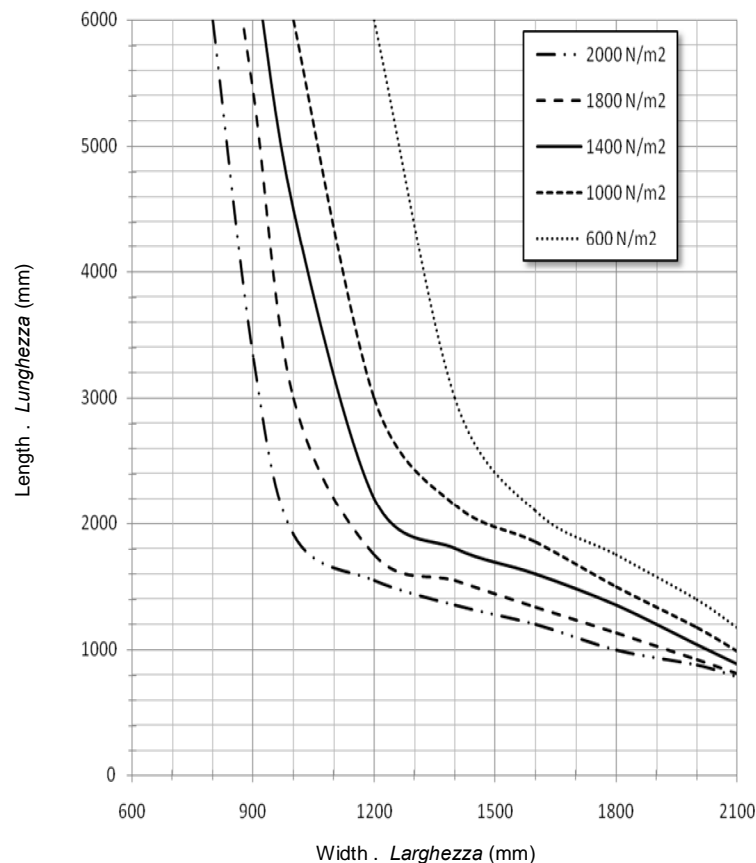
MACROLUX 10X E.S. 25mm



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LOADS (breaking loads)

FLAT INSTALLATION fixed on 4 sides



NOTE: minimum suggested slope 5%



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