

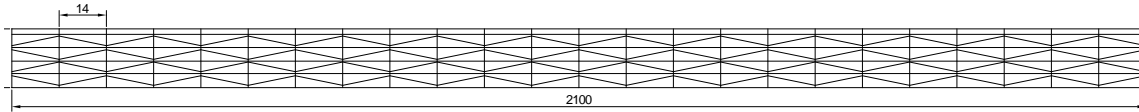


<p>Version 01 Latest update 05/2013 Product CODE XXXX</p>	<p>TECHNICAL DATA</p> <p><b>MULTIWALL SHEET</b></p> <p><b>MACROLUX 10X E.S. 25mm</b></p>	 <p><b>EMP</b> Estrusione Materiali Plastici</p> <p>EMP Sales Department Tel. +41 (0)91 641 72 11 Fax +41 (0)91 641 72 95 <a href="http://www.macrolux-emp.com">www.macrolux-emp.com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



## TECHNICAL CHARACTERISTICS

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

<sup>(1)</sup> According to EN 673, EN ISO 10077-2, EN ISO 6946

<sup>(2)</sup> Internal test according to ASTM D1003, tolerance ± 5%

<sup>(3)</sup> According to internal test method

<sup>(\*)</sup> 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



**Koscon Industrial S.A.**  
Registered Office & Factory  
Via Lische 11/13 - P.O. Box 702  
6855 - Stabio - Switzerland  
T. +41 (0)91 641 72 72  
F. +41 (0)91 641 72 80  
P. Iva CHE-101.684.884

Version 01  
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## TECHNICAL DATA

# MULTIWALL SHEET

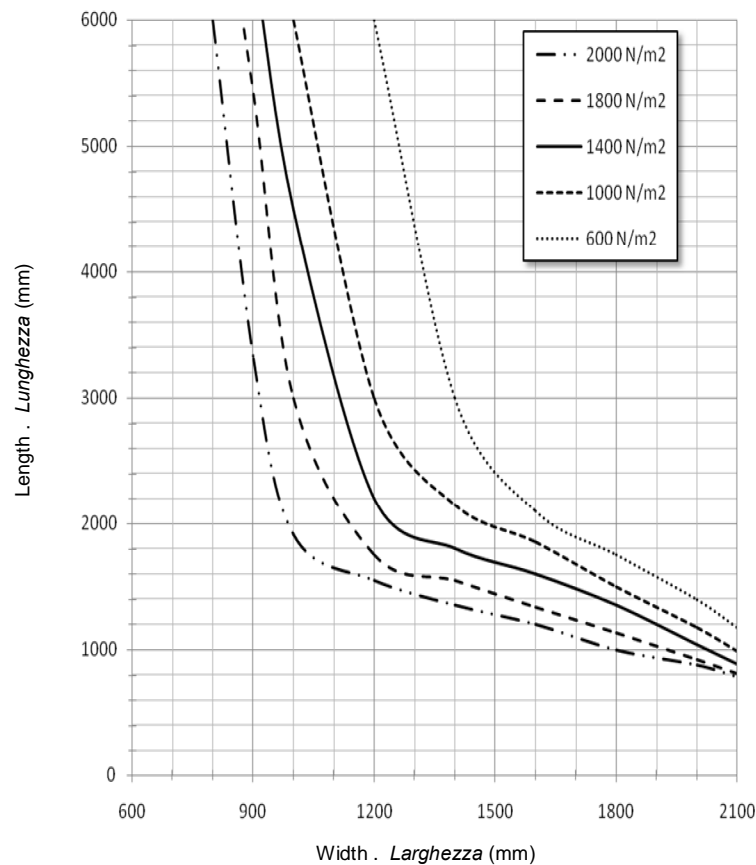
## MACROLUX 10X E.S. 25mm



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### LOADS (breaking loads)

FLAT INSTALLATION fixed on 4 sides



NOTE: minimum suggested slope 5%



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