

## TECHNICAL DATASHEET

Corrugated polycarbonate sheet

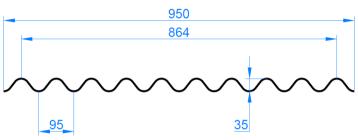
Product code: E3C2 Version: 00

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Page: 1/1

# **Macrolux® Rooflite® WAVE 95/35**

SECTION Rif. RM2



# **TECHNICAL CHARACTERISTICS**

	Units	Values	Notes			
Code	-	E3C2	-			
Thickness	mm	1.0	-			
Weight	Kg/m²	1.55	-			
Pitch	mm	95	-			
Nominal width	mm	950	Tolerance ±10 mm			
Cover	mm	864	Tolerance ± 5 mm			
Length (1)(2)	mm	On request	Max suggested length 6,0 m			
Light transmission (3)(4)	%	89	Clear (0010)			
Light transmission (3)(4)		75	Opal (0037)			
Fire certification	-	B s1 d0	According to EN 13501-1 (**)			
Minimum bending radius	mm	8500	-			
Coefficient of thermal expansion	mm/m °C	0,065	_			
Service temp. (continuous use)	°C	-40° +120°	-			
UV protection	_	Yes	Coextruded on external side			
Warranty	_	-	Refer to Stabilit 10-years lim. warranty			
Minimum slope for installation	%	5	For sheets > 6 m min. 10%			
Suggested fastening	-	Self-drilling 6,3 x 80 mm with EPDM gasket Self-tapping for wood 6,5 x 80 mm with EPDM gasket				
PE spacer	-	Not available				

For detailed instructions on installing Macrolux® Rooflite® sheets, refer to the technical manual

(1) Parallel and diagonal max  $\pm$  10 mm (4) For 1,0 mm thickness

(2) Banana effect and side warp max ± 3mm/m (\*\*) Fire certification could be subject to limitations

(3) Internal test according to ASTM standard Dimensional tolerances according to EN 1013

# **LOAD VALUES**

## BREAKAGE LOAD VALUES (\*) FOR EVENLY DISTRIBUTED LOAD



Ī	Thickness	Distance A				Distance B			
	mm	600 N/m <sup>2</sup>	900 N/m <sup>2</sup>	1.200 N/m <sup>2</sup>	1.500 N/m <sup>2</sup>	600 N/m <sup>2</sup>	900 N/m <sup>2</sup>	1.200 N/m <sup>2</sup>	1.500 N/m <sup>2</sup>
Ī	1.0	1.500	1.350	1.250	1.200	1.200	1.050	1.000	950

(\*) Ultimate load values (safety coefficient 1.5)

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