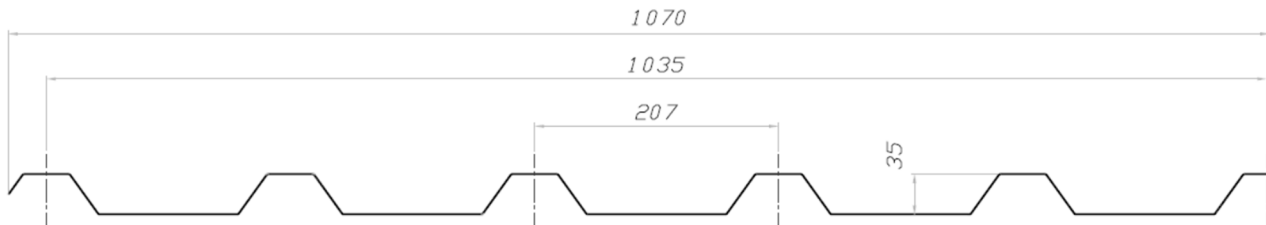


Macrolux® Rooflite®
Greca 207/35 - 1.0 mm ; 1.2 mm

SECTION

RB1



✓ Klockner 35/207

TECHNICAL CHARACTERISTICS

	Units	Value		Notes
Code		E356	E361	
Thickness	mm	1.0	1.2	
Weight	Kg/m ²	1.45	1.70	-
Pitch	mm	207		-
Nominal width	mm	1070 1100		Tolerance ±10 mm
Cover	mm	1035		Tolerance ± 5 mm
Length⁽¹⁾⁽²⁾	mm	On request		Maximum suggested length 6,0 m
Light transmission⁽³⁾	%	89		Clear (0010)
		80		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 limited warranty

(1) Parallel and diagonal max ±10 mm

(2) Banana effect and side warp max ±3 mm/m

(3) Internal test in according to ASTM D1003

(**) Fire certification could be subject to limitations.

Dimensional tolerance in according to EN 1013.



TECHNICAL DATASHEET SCHEDA TECNICA

Corrugated polycarbonate sheet
Lastra corrugata in policarbonato

Product code: E356-E361
Version: 00
Latest update: 15.11.2018
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Macrolux® Rooflite® Greca 207/35 - 1.0 mm ; 1.2 mm

ULTIMATED LOAD VALUES FOR DISTRIBUTED LOADS

Thickness (mm)	Distance A				Distance B			
	600 N/m ²	900 N/m ²	1.200 N/m ²	1.500 N/m ²	600 N/m ²	900 N/m ²	1.200 N/m ²	1.500 N/m ²
1.0	1.450 mm	1.300 mm	1.250 mm	1.150 mm	1.150 mm	1.050 mm	1.000 mm	950 mm
1.2	1.500 mm	1.400 mm	1.300 mm	1.200 mm	1.200 mm	1.100 mm	1.050 mm	950 mm

Installation

We recommend to install sheets at a minimum roof slope of 5%.

MACROLUX® ROOFLITE® must be fastened to the support frame by a suitable number of fasteners chosen according to the type of support (wood, metal purlins, etc.). Fasteners should not exercise pressure on the sheet to avoid excessive deformation. Fastening points to all supports must include suitable washers to prevent water leakage. Slot holes are required to allow thermal expansion of sheets.

Supports must be smooth and clear of any objects that may affect sheet integrity such as nails, wires, ties, safety nets, etc.

Roof access

Do not walk on sheets during installation and maintenance operations. Sheets are NOT suitable for bearing weight and may break. If it is necessary to access the roof, we recommend to use suitable footways to ensure that all operators can work safely.

Protect sheets from scratches with suitable cloths. To avoid the risk of falls and sheet breaking during roof maintenance, provide all necessary structures according to industrial safety regulations in force.

Cutting, storage and cleaning

Cut MACROLUX® ROOFLITE® with standard shears. Make sure that sheets are firmly clamped during cutting operations to avoid vibrations. Pallets of sheets can be stacked up to a maximum of 4 m rows only during transportation, while laying an insulating material between one pallet and the other which must protect and avoid the crushing of the lower pallets and sheets. Furthermore the pallets of sheets must be stored away from sunlight or other heat sources.

Do not place any load on the sheets during transportation or storage. To preserve perfect transparency, clean the external surface of sheets regularly with water and mild detergents. Do not scratch the surface with abrasives, blades or pointed tools to avoid damaging the protection layer.

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