



TECHNICAL DATA SHEET

Place and Date of Issue: Turkiye, April 2022

1. Unique identification code of the product type:

POLYESTER CORRUGATED SHEET CLEAR

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11 (4):

8691756740108

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Light transmitting single skin profiled plastics sheets for internal and external roofs, walls and ceilings

4. Name and address of the manufacturer:

Radmat Building Products Ltd
Holland House, Valley Way, Rockingham Road,
Market Harborough, LE16 7PS Tel: +1858 412109

5. Authorised Representative:

Radmat (Ireland) Ltd
3 Inns Quay, Dublin 7, Ireland
Tel: +44 (0) 01858 412109

6. Product Description

Sheeting made from UV resistant, corrugated Polyester, suitable for a range of applications including roof lights and roofing for canopies, car ports and gazebos, and vertical dividers.

Features: • Resistance to weather conditions • Corrosion resistance • Environmental protection • Resistant to impact • Economic, lightweight, and easy to install

7. Product Specifications:

	PRODUCT CHARACTERISTICS	TEST STANDARD	UNIT	VALUE
PHYSICAL	THICKNESS	-	mm	0,60
	COLOR	-	RAL, NCS, CUSTOMER COLOR	00NS
	GLASS CONTENT	TS 1177 EN ISO 1172	%	~24,7
	WATER ABSORPTION	ISO 62	% (METHOD 2)	≤0,4
	WEIGHT	-	g/m ²	934
	SPECIFIC GRAVITY	COMPANY STANDARDS (IN HOUSE TESTING)	g/cm ³	~1,4
UV RESISTANCE	UV TEST	ASTM G - 53	QUV - B	< 14

				WIDTH	LENGTH
MECHANICAL	TENSILE STRENGTH	ISO 527 - 4/2/2	N/mm ²	NA*	45
	TENSILE MODULUS	ISO 527 - 4/2/2	N/mm ²	NA*	4500
	ELONGATION AT BREAK	ISO 527 - 4/2/2	%	NA*	2,5
	FLEXURAL STRENGTH	ISO 14125	N/mm ²	NA*	NA*
	FLEXURAL MODULUS	ISO 14125	N/mm ²	NA*	NA*
	FLEXURAL STRAIN	ISO 14125	%	NA*	NA*
	BARCOL / HARDNESS	TS EN 59	° Barcol	> 35	
THERMAL RESISTANCE	COEFFICIENT OF LINEAR EXPANSION	ISO 11359 - 2	K ⁻¹	30X10-6	
	HEAT TRANSFER COEFFICIENT	TS 1065-2 ISO 11359-2	W/m ² K	5,5	
	THERMAL RESISTANT			between -40 °C + 120 °C	
OPACITY	LIGHT TRANSMITTANCE	COMPANY STANDARDS (IN HOUSE TESTING)	%	90	
TOLERANCES	Mechanical Results	-	-	± % 10	
	Light Transmission	-	%	± % 5	
	Unit weight	-	%	± % 5	
	Thickness	-	%	± % 15	
	Width	-	mm	± 10 mm	
	Length	-	mm	for 0-5 m + 15 / - 10 mm	
	Color	-	ΔE*	≤1	

Signed for and on behalf of the manufacturer by:

Robert Speroni
Managing Director
April 2024

This information given in good faith being based on the latest knowledge available to Radmat Building Products Ltd. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.

