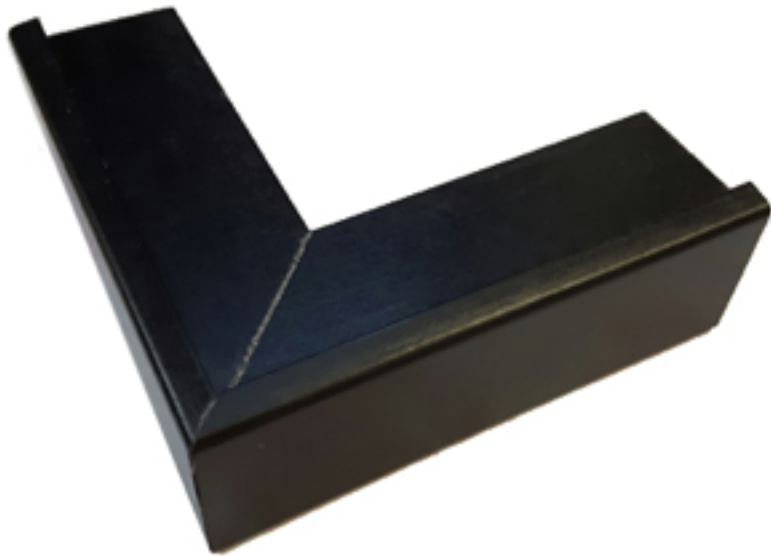


EshaFlex

ProTrim Edge Trim

Product Data Sheet



Product Data Sheet

General Information

ProTrim GRP (Glass fibre Reinforced Polyester) roof trims are manufactured using a continuous automated process similar to extrusion which is termed pultrusion. The use of the Pultrusion process ensures reproducible quality with excellent surface finish combined with high mechanical strength.

ProTrim GRP require no surface painting, are resistant to corrosion, lightweight, strong, durable and maintenance free. They are thermally inert with particularly low longitudinal expansion coefficient, suitable for use in all climates and exposure to sunlight.

Thermal expansion is less than 1/3rd of aluminum alloy roof edge trim (24 x 10–6/°C) and ProTrim GRP is Nontoxic and Free from embrittlement under all conditions.

Resin Formulation

Isophalic polyester resin with suitable pigment and ultraviolet stabilizer at 35% by weight of product.

The formulation has been designed with two specific attributes in mind: to be hard wearing and to remain attractive. The mix is designed to be UV stable and give good long lasting colour definition with a low viscosity to ensure that it penetrates and thoroughly coats all of the glass reinforcement. This ensures maximum cross-linking between the resin formulation and glass mating, thus making it difficult for adverse atmospheric conditions to attack the glass reinforcement and lessen the life of the product.

Glass Reinforcement

E Glass fibre as woven fabric, random mat and continuous strands at 65% by weight of product.

A unique combination special mat configuration of knitted and continuous filament strand mats in E glass to allow our free flowing resin formulation to penetrate well into the glass reinforcement. The glass configuration ensures ProTrim GRP roof trims have high mechanical properties in both longitudinal and transverse axes while making them lightweight, rigid and creep resistant

Directions of application

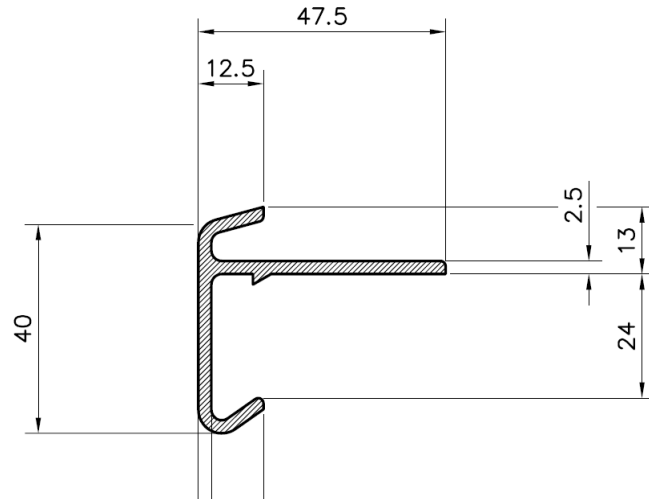
- Mechanically fasten to substrate with appropriate fasteners at 150mm centres.
- Join individual lengths with jointing piece supplied.
- Pre-formed 90° Internal and External Corners are available.
- Easily cut and drilled.

This information given in good faith and is 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.

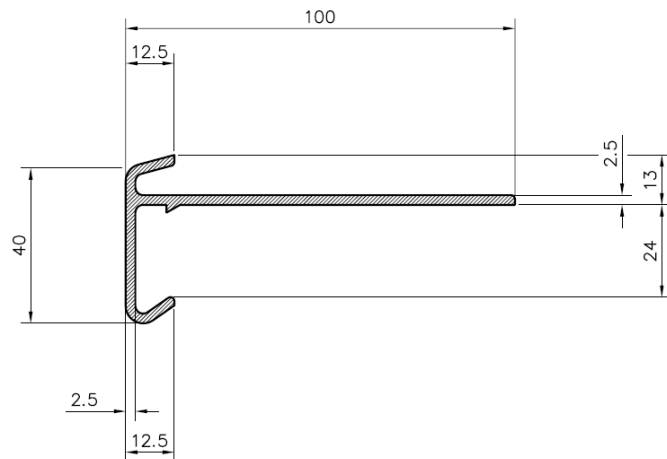
For further information on Radmat products and services please call **01858 410372**, email tech enquiries@radmat.com or visit our website www.radmat.com

Product Range

ProTrim 6282_G



ProTrim 6282L_G

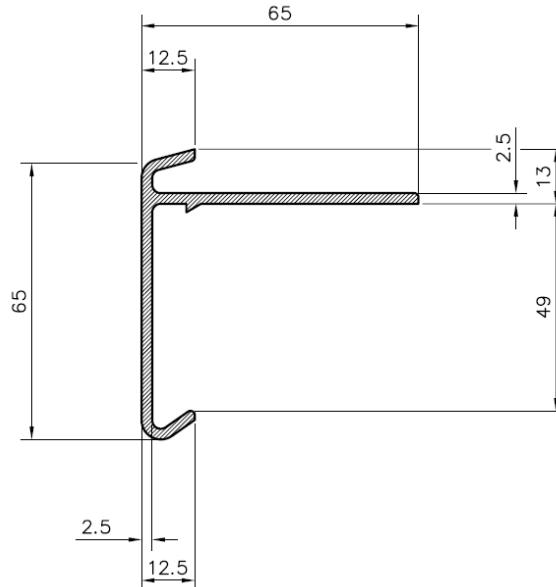


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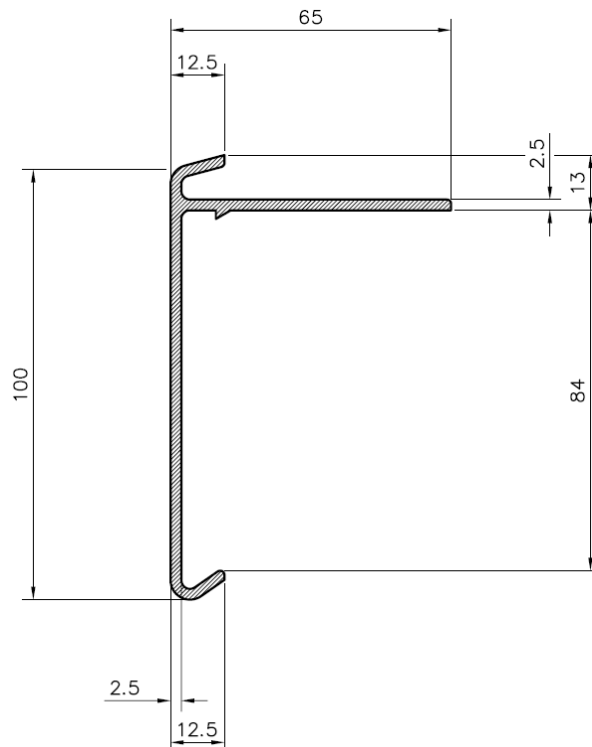
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Product Range

ProTrim FL_G



ProTrim FLD_G



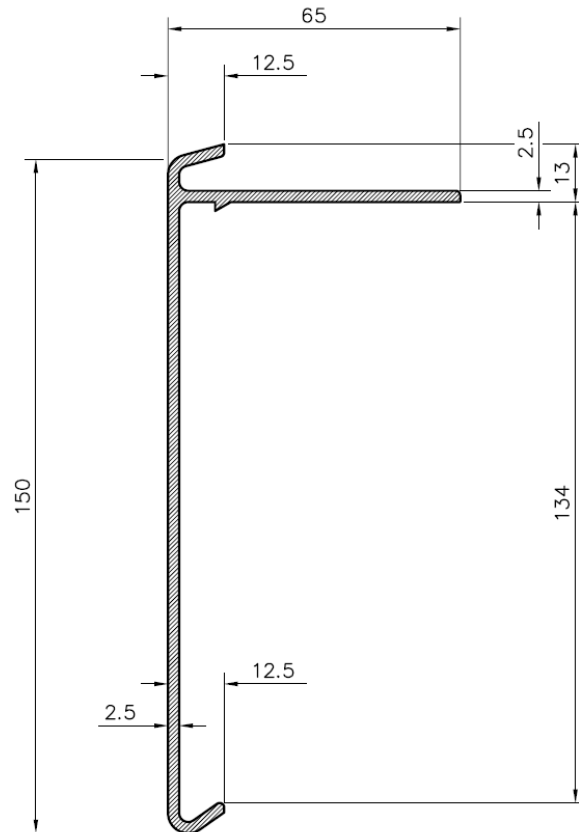
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Product Data Sheet

Product Range

ProTrim FL_G



Product Description		
Appearance	Black, White or Grey	
Product Description		
Essential characteristics	Performance	Units
Length	2.5	m
Flexural strength	500	MN/m²
Flexural Modulus	24	GN/m²
IZOD. Impact Strength	375	MN/m²
Density	1.8	gm/cc
Water Absorption	100%	%
Barcol Hardness	55	-
Thermal Conductivity	0.35	W/mk
Coefficient of Thermal Expansion*	7 .2 x 10-6	°C
Heat Distortion Temp	150	°C
Change in mechanical properties +20 to -20°	Negligible	Negligible

* A 2.5 metre length of ProTrim GRP roof trim will therefore expand or contract by only 0.175mm for every 10°C change in temperature.