

PremFire FRW10

Product Description

FRW10 has been assessed, tested and approved by an independent laboratory to BS 6920 & NFRC Class “A” standard.

FRW10 is a preformed high-performance, flame-retardant polyisobutylene (PIB) based sealing tape, available in single strand, multi-lane rolls & tailored extruded profiles. The product contains a number of flame-retardant additives; it has been designed to resist ignition and to self-extinguish, as with all flame-retardant systems we recommend that users carry out their own composite testing. This product has a multitude of applications where joints need to be formed to seal against air and water ingress or water release. The product is cost effective, non-toxic and requires no tools to apply.



Features

- Highly conformable on plastic coated steel composite panels
- Excellent adhesion and UV resistance
- FRW10 is tested to BS6920 & NFRC Class A
- Good chemical and UV resistance
- 25 years life expectancy
- Good movement accommodation
- Solventless formulation
- Joint movement up to 15%

Typical Application

- End lap seal on composite panel / roof light end laps (reduced cut back)

FRW10 should be applied to surfaces at a temperature range of between +4 and +40°C. For best performance the surfaces should be clean, dry, and grease free. The product should be unwound and lightly pressed into position leaving the release paper in place. On forming the joint the release paper is removed, and the closing surface pushed firmly in place, pressure applied along the length of the joint, and mechanically fixed.

Please note: The above technical information is given as a guide and is based on recent test data obtained under laboratory conditions. Materials should be fully tested by the end user to establish suitability of the product for the intended application. October 2014

FRW10	
Dynamic Tensile Adhesion SEPARATION RATE 100mm/min @ 20°C	24 N/cm ²
Dynamic Shear Adhesion SEPARATION RATE 200mm/min @ 20°C	22 N/cm ²
Force to compress	0.30 K/cm ²
Density	1.6 kg ³
MVTR – tested to BS15106-3	0.025 g/m ² /24hr/mm at 25°C & 75% RH
Service temperature	-40°C to + 90°C
Application temperature	+4° C - +40° C
Shelf life	2 years

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