

## Testing:

Technical data	Standard	Value
Thickness	BS EN 1849-2	1.00mm
Length	-	Bespoke (m)
Width	-	Bespoke (mm)
Reaction to fire	BS EN 13501-1	Class B-s3,d0
Resistance to water penetration	BS EN 1928 A	W1, pass
Water vapour transmission (sd-value)	BS EN 1931	56 ± 5m
Air permeability	EN 12114	0 m <sup>3</sup> /(hxm <sup>2</sup> x50 Pa)
Tensile strength MD/CD	EN 12311-1	1160/630; N/50mm
Elongation MD / CD	EN 12311-1	79% / 203%
Tear resistance MD / CD	EN 12310-1	315.1 N / 363.1 N
Artificial ageing by long term exposure	BS EN 12311-1	1160/630; N/50mm
	BS EN 12311-1	74% / 189%
	BS EN 1928 A	W1, pass

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Excellence in Weatherproofing

**AGAIN**

**THE ONE AND ONLY**

ELONGATION  
—  
FIRE RATED  
—  
PROFLEX FR  
—  
UNBEATABLE VALUE

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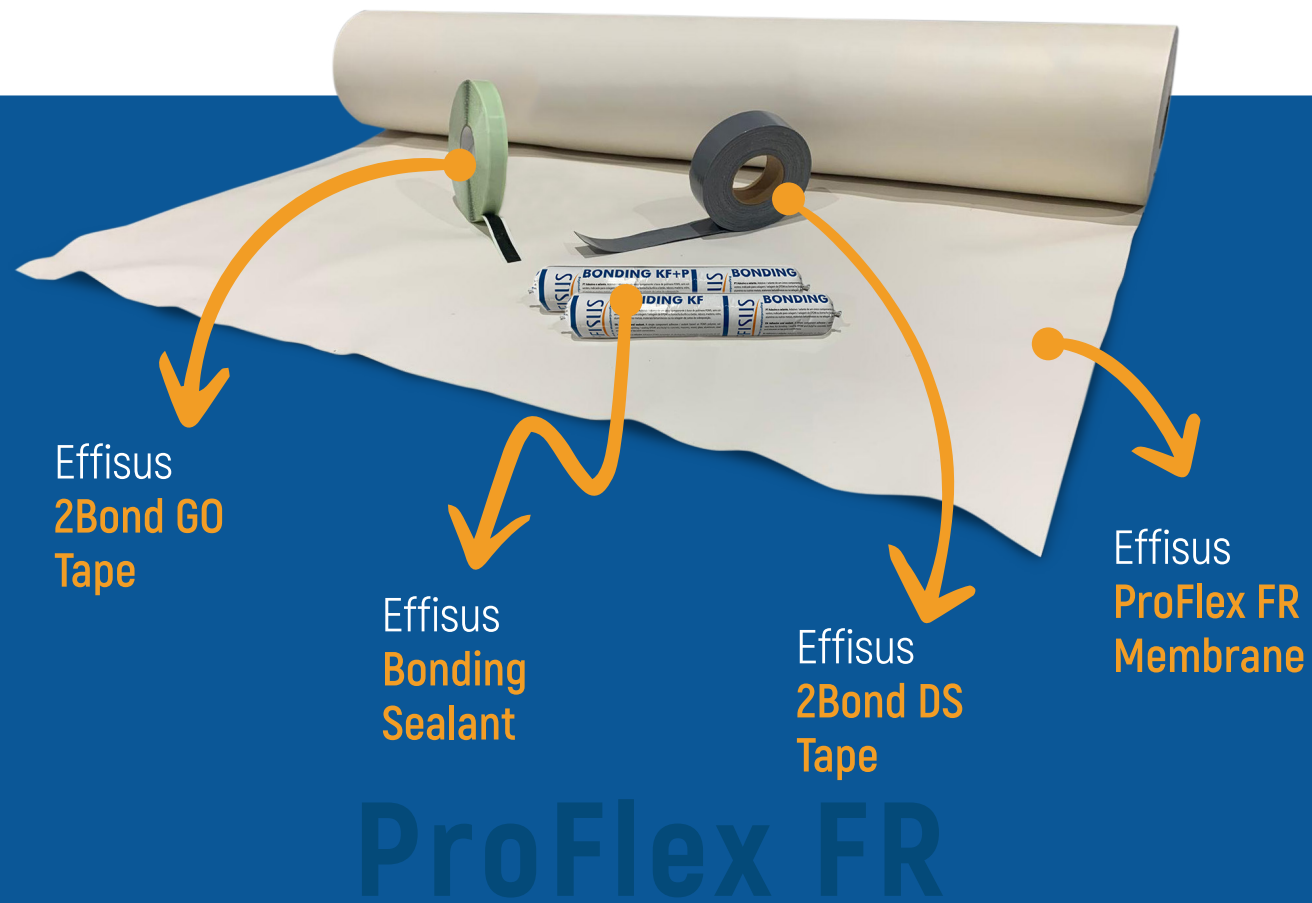
ProFlex FR

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# Effisus ProFlex FR

## Façade Interfaces Solution - Elongation & Fire Rated

Effisus ProFlex FR is a multi-layered fire rated Class B-s3,d0 weatherproofing elastic membrane composed by a robust double-sided fire retardant polymer and fire retardant ultra-elastic reinforced core. It's designed for accommodating movements while sealing façades interfaces and construction joints on typical curtain wall, rainscreen/brick ventilated, precast masonry and many other applications.



## Main Features:

- **Excellent Mechanical Properties:**
  - 200% elongation capacity according to BS EN 12311-1, allowing to accommodate building differential movements.
  - 3-layered composition with a thickness of 1 mm, membrane exhibits outstanding resistance to punctures, as well as exceptional tensile and tear strength in accordance with the standards set by BS EN 12311-1 and BS EN 12310-1.
- **Fire Performance:** B-s3, d0 according to BS EN 13501 – 1 in conformity with The Building Regulations 2010 - Approved Document B updated June 2022.
- **Watertight:** Class W1 – highest classification as per BS EN 1928.
- **Energy Efficiency:** 100% airtight for better air quality and energy efficiency.
- **Complete System:** Wide range of fixing/sealing accessories with all compatibilities ensured in accordance with end-use applications.
- **White Colour:** Visual distinctiveness to prevent potential errors of installation.
- **Sustainable:** Environmentally friendly & 100% Recyclable.
- **Third Party Certification:** UKCA + CE
- **Customization:**
  - Customizable with self-adhesive bands tested and approved on the most difficult substrates to adhere, as concrete, weathering boards and other porous surfaces.
  - Unlimited width.



$$2x \text{ Elongation} + 3x \text{ Layers} = 5x \text{ Futureproof}$$