

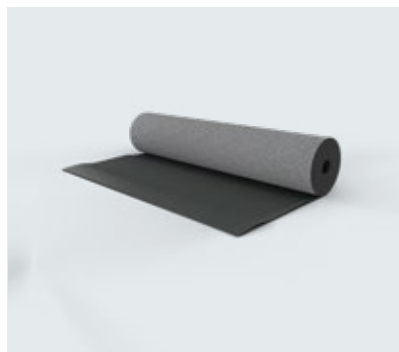


PlenaFire B

PlenaFire B is a patented synthetic membrane that combines waterproofing and breathability, with a fire reaction rating of B-s1, d0. This membrane consists of a glass fibre reinforcement layer, combined on the internal side with a breathable waterproof film and a polypropylene nonwoven fabric. On the external face, a special intumescent graphite-based compound is applied, which delays flame propagation and protects the underlying layers. **PlenaFire B** is designed for use with any type of insulation in ventilated façade systems. Its dark, non-printed surface makes it particularly suitable for open-joint cladding systems. It is also highly recommended for pitched roof applications beneath photovoltaic panels. The membrane is certified Broof (t2, t3, t4), complies with EN 13859-1 and EN 13859-2, and carries the CE and UKCA mark. **PlenaFire B** has been tested in accordance with UNI EN 14135:2005 to determine its ability to protect underlying materials during fire exposure. The membrane met the standard's criteria for a duration of 8 minutes. It also holds a W1 classification under EN 13859-1 and EN 13859-2, offering maximum water resistance in line with regulatory requirements.



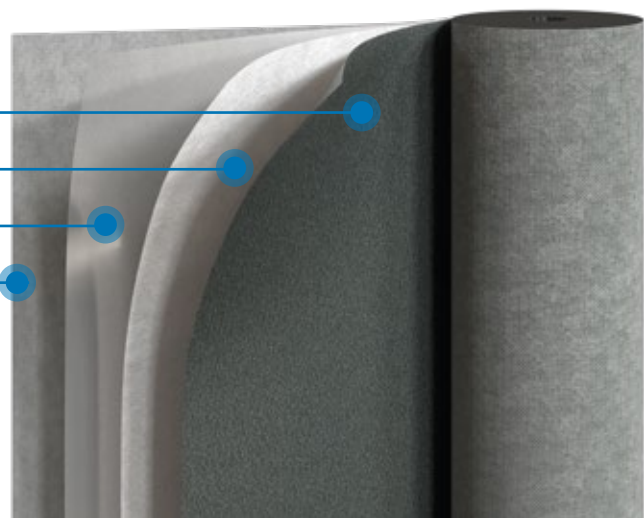
Features



Rolls for Pallets 80x120	Roll Length	Roll Width	Roll Weight	SD	Tensile Strength	Nail Tear Resistance	UV Stability
24	20 m	1,1 m	16 kg	0,08-0,12 m	MD: 300±15% N/5cm CD: 275±15% N/5cm Classe R2	MD: 180±15% N CD: 220±15% N Classe R2	12 months

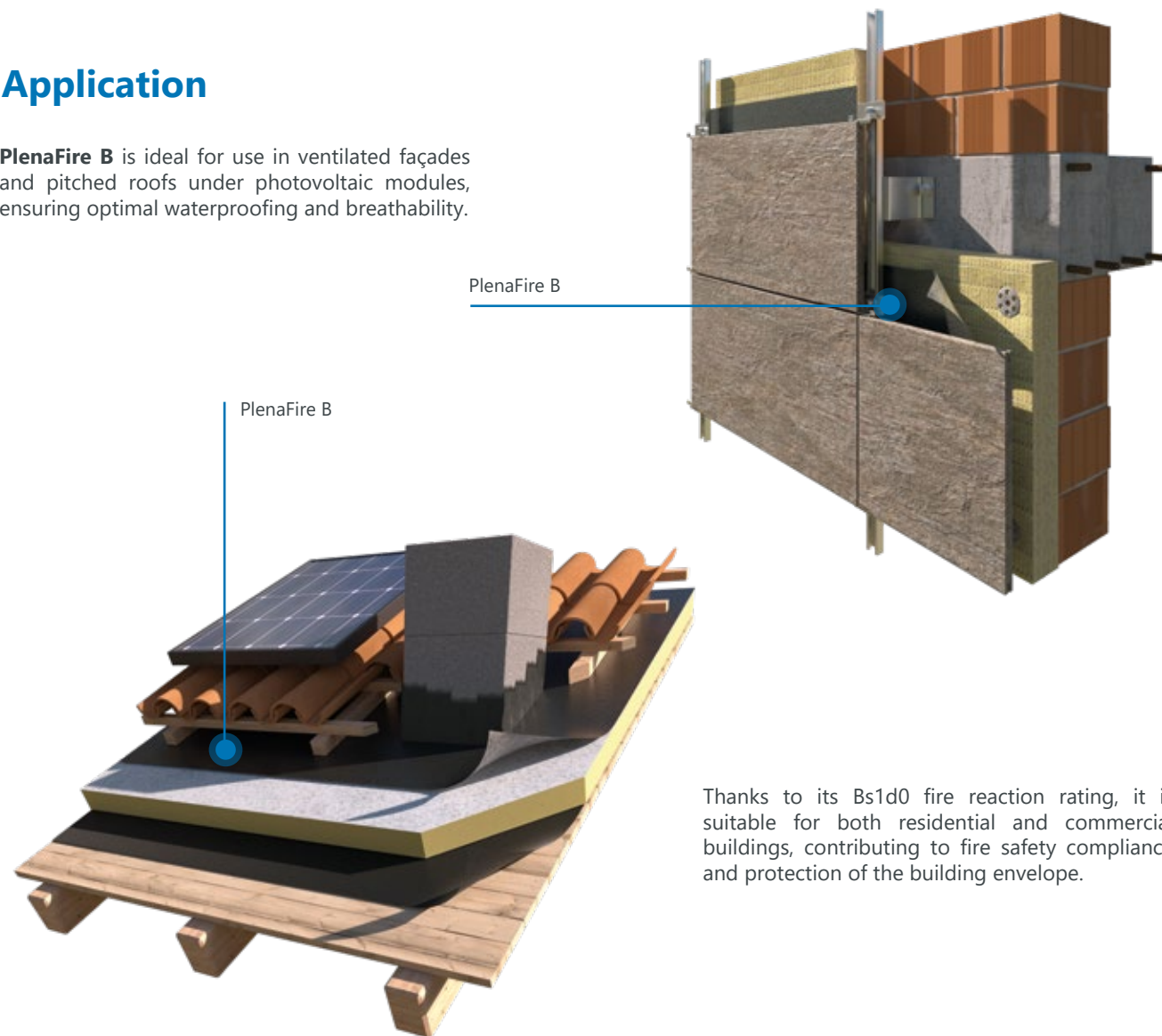
Composition

- PP Nonwoven Fabric
- Waterproof Breathable Film
- Nonwoven Glass Fiber Fabric
- Mineral Compound with Graphite



Application

PlenaFire B is ideal for use in ventilated façades and pitched roofs under photovoltaic modules, ensuring optimal waterproofing and breathability.



Thanks to its Bs1d0 fire reaction rating, it is suitable for both residential and commercial buildings, contributing to fire safety compliance and protection of the building envelope.

Accessories

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Product	Mass	Dry Residue	Viscosity	Resistance to Aging	Breathability	Adhesion	Water Absorption
PLENAFIRE PAINT	1,22 ± 0,02 Kg/l	71 ± 2% in weight	11500 ± 500 cps (RVT 20 rpm, girante 5 a 23°C)	Good. UV Test: slight whitening after 1000 hours.	W DD 22,80 (g/mm2/24h) SD < 0,1 breathable)	DIN 53151: 100%	% by weight: after 7 days of immersion: 27-30%; rapid return to initial state in environment with RH < 60% at 25°C.
Product	Length	Width	Adhesive Type				
PLENAFLEX BUTYL TAPE	35 m	20 mm	butyl rubber				
PLENA BUTYL TAPE ALU	10 m	75 mm	butyl rubber				