



Broof
T2-T3-T4

PlenaFire B

PlenaFire B is a synthetic waterproof and breathable membrane with patented technology. It is classified as fire reaction class **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

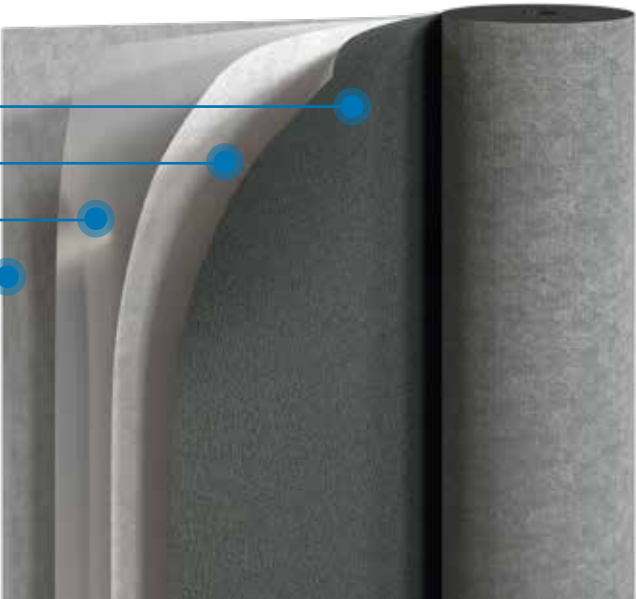
Composition

PP Nonwoven Fabric

Waterproof Breathable Film

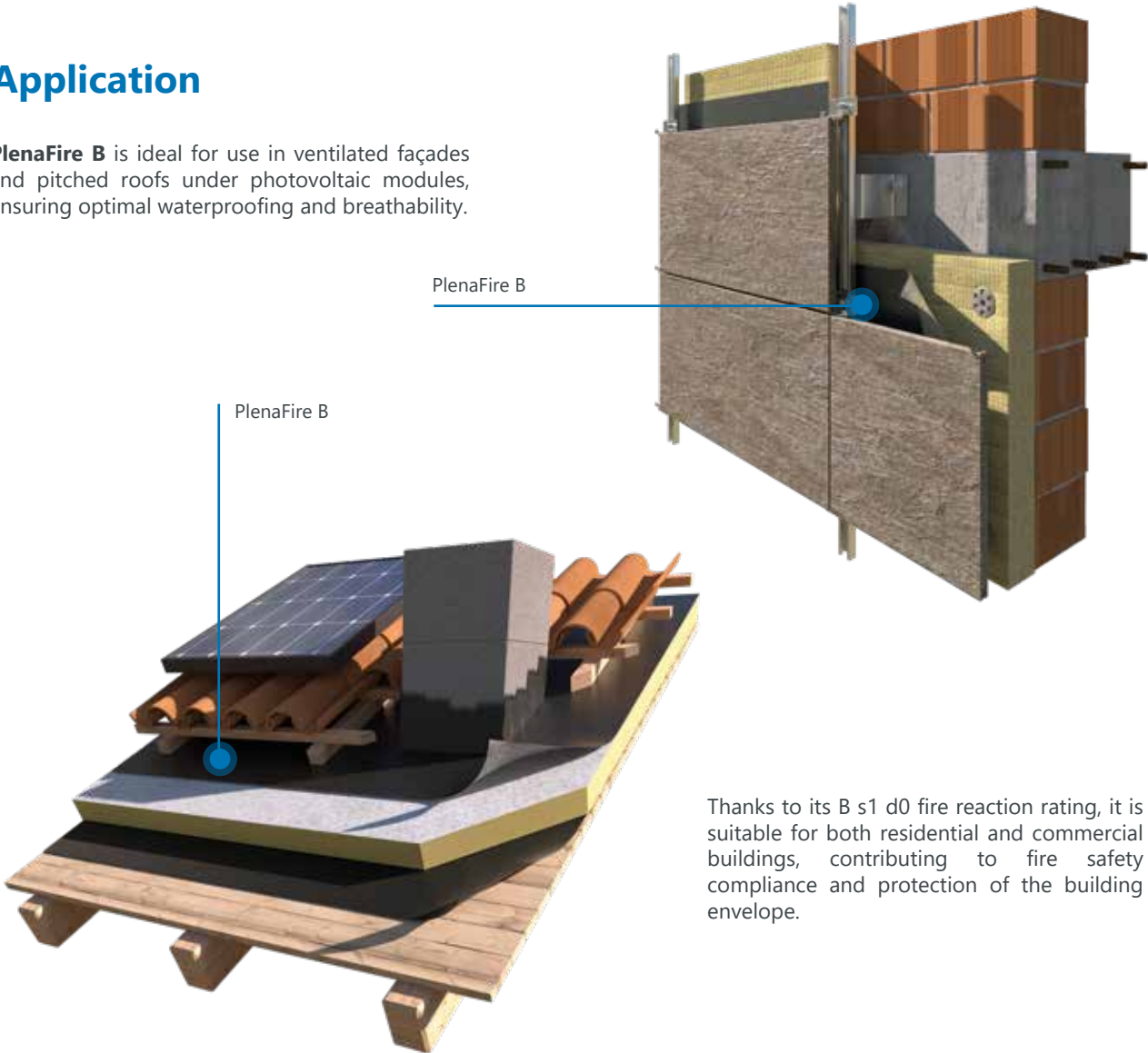
Nonwoven Glass Fiber Fabric

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 B s1 d0 fire reaction rating, it is suitable for both residential and commercial buildings, contributing to fire safety compliance and protection of the building envelope.

Accessories

accessory details p. 58-59

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		