TECHNICAL INFORMATION SHEET

PEELAFFIX20

1. DESCRIPTION

PeelAffix20 is a self-adhesive waterproofing membrane composed of vulcanised EPDM synthetic rubber and a side that is fully adhesive thanks to the factory addition of a dispersion adhesive.
The self-adhesive side is preserved by a white-coloured silicone film.
Applications: Gutters of various materials, wooden and paving roofs (consult others), PIR panels, coping joints, window preframes and ventilated facades.

2. TECHNICAL SPECIFICATIONS

Technical data of external EPDM side		
PROPERTY	**STANDARD**	**PEELAFFIX**
EPDM Nominal Thickness	EN 1849-2	1,1 mm
Tensile strength (L/T)	EN 12311-2	≥ 9 MPa
Lengthening (L/T)	EN 12311-2	≥ 400 %
Impact resistance	EN 12691 (A)	≥ 200 mm
Tear resistance	EN 12310-2	≥ 30 N
Watertightness	EN 1928 (B)	Pass
Lap peeling resistance	EN 12316-2	≥ 40 N/50 mm
Lap shearing resistance	EN 12317-2	≥ 210 N/50 mm
Folding at low temperature	EN 495-5	≤ -45° C
Dimensional Stability	EN 1107-2	≤ 0,5 %
External fire behaviour	EN 13501-5	B ROOF (t1)
Reaction to fire	EN 13501-1	E

Technical data of EPDM adhesive side		
Polyacrylate-based dispersion adhesive Adhesive intermediate mesh netting layer		
PROPERTY	**STANDARD**	**PEELAFFIX**
Adhesive weight approx.		190 g/m²
Adhesive total thickness		0,19 mm
Peeling resistance	AFERA 5001	≥ 29 N/25 mm
Thermal stability	(internal test)	-40 °C a 130 °C

info@peelaffix.com
www.peelaffix.com

3. PROPERTIES

- Excellent resistance to ozone, UV radiation and weathering.
- Elasticity from -45 ºC to 130 ºC.
- Easy and quick to install.
- High adhesive power with immediate effect.
- Homogeneous adhesion on the entire surface.
- Avoids manual dosing and application of adhesives.
- No waiting time for drying and/or evaporation of adhesive solvents.
- Excellent resistance to moisture and weathering after bonding.
- Clean and environmentally friendly system by saving on consumables such as brushes, rollers, cans, and others.

4. APPLICATION

Substrates must be inherently solid, stable, and free of loose particles. At time of application, they must be clean, dry, free of dust and/or grease. In case of poor substrates where the material forms dust or granules, or porous or fragile substrates, it is recommended to apply a consolidating primer to prepare the surface for proper adhesion. **Adhere to an application temperature from 5 °C to 35 °C.**
Once the membrane has been unwound and positioned on the surface in its final position, making sure not to create wrinkles or tensions, let it rest for about 30 minutes to release the winding tensions. Remove the white silicone protective film without moving the membrane from its position by stretching it horizontally at a 45° angle. To start the bonding process, brush with a stiff bristle brush (non-metallic) from the centre of the roll outwards to the sides and finally run the system's silicon roller over the film to ensure it is in contact with the substrate over the entire surface.
The joints between the sheets must overlap by at least 10 cm. Run the silicone roller over them while applying pressure and finally apply a sealing bead on the edge with PeelAffix20 BOND, bevelling it with a spatula. To fix singular points in 3D, where the membrane must be moulded to three different planes, the system has the Flashing mouldable strip, after priming with Primer, to mould it to these forms, following the same instructions concerning the state of the substrate as mentioned above.

5. PRESENTATION, STORAGE AND SHELF LIFE

- Rolls of 150 cm; 70 cm and 35 cm width by 20 m length. Other measures are available upon request.
- Storage at a temperature of 5 °C to 35 °C and a relative humidity of 40% to 60%. Keep protected from mechanical aggressions. Store away from sources of combustion and avoid exposure to direct sunlight.
- PEELAFFIX film has no shelf life. The self-adhesive backing must be used within 12 months of manufacture, provided it is kept in its original sealed packaging and stored properly.