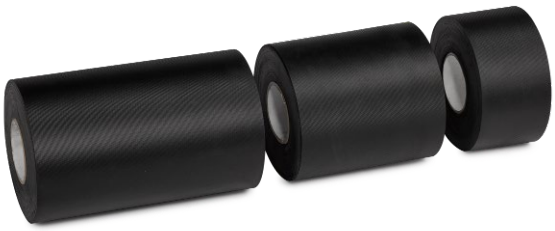
TECHNICAL DATA SHEET
TDS_WPSES0022

SOPRAGUARD FACE IN

Sopraguard Face In is an embossed synthetic EPDM rubber membrane specifically designed for facade applications and the interior side of window or door frames.

ADVANTAGES

- Elastic and flexible from –45ºC to 130ºC.
- Excellent resistance to ozone, UV radiation and very high / very low temperature.
- Excellent thermal and dimensional stability.
- Quick and easy to install.
- Environmentally friendly



DESCRIPTION

- It serves as a waterproof barrier and functions as a vapor control layer.
- The inner membrane Sopraguard Face In is more vapor-tight than the outer membrane Sopraguard Face Out, this prevents any moisture and water from penetrating into the interior of the building.

CERTIFICATES

- In compliance with EN 13984 and EN 14909 standards.
- ISO 9001 Quality Management (Bureau Veritas No. ES142274-1)
- ISO 14001 Environmental Management (Bureau Veritas No. ES142275-1)

INSTALLATION

To adhere EPDM membranes to the substrate using Bond HT and Sopraguard Tack, it's essential to consider the condition of the substrate and the properties of each adhesive to ensure optimal bonding. Below are the application instructions for different substrate conditions:

1. Dry Substrates:
Recommended Adhesive: **Sopraguard Tack/Tack S**
Application Instructions:

- Ensure the substrate is completely dry and free of dust or loose particles.
- Apply Sopraguard Tack with a solvent-resistant brush on both surfaces (membrane and substrate).
- Allow it to dry to the touch before bonding the surfaces.
- Press firmly to ensure a strong, quick bond.
- Sopraguard Tack's high initial load capacity provides nearly immediate fixing, ideal for fast and secure installation in dry conditions.
- Do not use on damp surfaces, as the adhesive loses effectiveness under these conditions.

2. Damp Substrates or Low-Temperature Conditions:
Recommended Adhesive: Sopraguard **Bond HT**
Application Instructions:

- Ensure the substrate is free of loose particles and grease; it may be damp or in low-temperature conditions.

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- Use an extrusion gun to apply Sopraguard Bond HT in uniform beads across the bonding area.
- Place the EPDM membrane on the substrate and apply light pressure.
- Since Sopraguard Bond HT requires a longer curing time, it's recommended to use temporary fasteners or additional attachment points to hold the membrane in place during the curing process (approximately 7 days for full strength).

Sopraguard Face In membranes must be installed by experienced staff. Contact our technical staff if you require more information.

PRESENTATION, STORAGE AND SHELF LIFE

	ROLLS	STRIPS
Width	1,5 m	From 5 to 145 cm
Length	20 m	20 m
Storage	Keep protected against mechanical aggressions. Store away from sources of ignition and flames.	
Shelf Life	Unlimited shelf life	

TECHNICAL SPECIFICATIONS

PROPERTY	TEST METHOD	DECLARED VALUE							UNIT
Thickness (-5% / +10%)	EN 1849-2	0.5	0.6	0.75	0.8	1.0	1.1	1.3	mm
Mass per unit area (-5% / +10%)	EN 1848-2	0.54	0.63	0.81	0.85	1.04	1.17	1.44	Kg/m²
Tensile strength (L/T)	EN 12311-2	≥ 8							Mpa
Elongation (L/T)	EN 12311-2	≥ 400							%
Resistance to impact	EN 12691 (A Method)	≥ 200							mm
Tear resistance	EN 12310-2	≥ 25							N
Watertightness (2 kPa)	EN 1928 (A Method)	Pass							-
Joint shear resistance	EN 12317-2	≥ 210							N/50 mm
Foldability at low temperature	EN 495-5	≤ -45							ºC
Water vapour permeability	EN 1931	93000							μ
Water vapour permeability / Durability	EN 1296/EN 1931	Pass							-
Watertightness durability	EN 1296/EN 1928	Pass							-
Durability to chemical agents (Milk of lime) Tensile strength	EN 1847/EN 12311-2	Pass							-
Durability to chemical agents (Milk of lime) Watertightness	EN 1847/EN 1928	Pass							-
Reaction to fire	EN 13501-1	E							-