AEROSANA VISCONN

Sprayable airtightness sealant with a humidity-variable sd value

Technical data

Substance	
Material	Aqueous acrylic dispersion

Attribute	Regulation	Value
Colour		Dark blue, when fully dry dark blue/black
Surface weight	EN 1849-2	approx. 200 g/m² ; 0.66 oz/ft² (dried)
Coating application		0.2 - 1.0 mm ; 8 - 39 mils - wet film
sd-value	EN 1931	6 ±0.6 m (at 0.3 mm thickness)
sd-value humidity variable	EN ISO 12572	0.13 - 10.00 m
g-value		30 MN·s/g (at 0.3 mm thickness)
g-value humidity variable		0.65 - 50 MN·s/g
Vapor permeance	ASTM E96-A	0.54 US perms (at 0.3 mm ; 12 mils thickness)
Vapor permeance humidity variable	ASTM E96-A	25.2 - 0.33 US perms
Exposure time		3 months
Water column	EN 20811	2 000 mm ; 6' 7"
Can be plastered/painted over		yes and pro clima adhesive tapes can be stuck onto it
Application temperature		5 °C to +35 °C ; 41 °F to 95 °F
Temperature resistance		permanent -40 °C to 90 °C ; -40 °F to 194 °F (dried)
Coverage		approx. 13 m² (750 g/m²) ; 145 ft² (2.46 oz/ft²), depending on applied thickness
Drying		approx. 12 - 48 hours (at 20 °C, 65% rel. humidity) depending on subsurface/applied thickness
Storage		5 °C - 25 °C ; 41 °F - 77 °F, dry, in a closed, airtight bucket

Area of application

For use as a humidity-variable vapour retarder and airtight layer that can be applied as a spray or using a brush on wall, ceiling and floor surfaces, such as non-plastered masonry or porous panel-form materials.

- ✔ Also for the creation of joints to components such as windows, roofs, walls, ceilings and floors.
- ✔ Can also be used for strengthening subsurfaces in the case of renovation.
- ✔ The humidity-variable diffusion resistance of this product means that it can be used on the interior and exterior of building components.

AEROSANA VISCONN is a high-quality, water-based acrylic dispersion paste that can be applied as a spray or using a brush. The sprayed-on liquid film forms a seamless, elastic air-retarding and vapour-retarding protective layer once it has dried.

Sticks to all standard construction materials, all pro clima membranes, and membranes made of aluminium and paper.

Advantages

- ✔ Time-saving: ready-to-use dispersion
- ✔ Reliable structures thanks to excellent adhesive properties on all standard construction surfaces
- ✔ For robust building components: permanent elasticity and high durability once it has dried
- ✔ Improves surfaces: forms a bonding course between subsurfaces and subsequent coatings
- ✔ Can be plastered/painted over, pro clima adhesive tapes can be stuck onto it
- ✔ Flexible use in indoor and protected outdoor areas thanks to its humidity-variable sd value
- ✔ Excellent values in the hazardous substance test, has been tested according to the AgBB evaluation scheme / ISO 16000

Further information about application and construction is given in the pro clima planning documentation and application recommendations. If you have any questions, please call the pro clima technical hotline Ireland and UK:

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T. 046 943 2104
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Substrates

Check whether the subsurface is suitable for a sprayable film before applying it. It may be necessary to apply a number of coats in the case of uneven or shaped subsurfaces. Gaps (pieces broken out of the subsurface) or significant unevenness may need to be stuck over before application (e.g. with one of the CONTEGA SOLIDO adhesive tapes, depending on requirements) or levelled off with filler.

Subsurfaces should be brushed off, wiped clean with a cloth or cleaned using compressed air. Application to frozen surfaces is not possible. There must be no water-repellent substances (e.g. grease or silicone) on materials to be sprayed. Subsurfaces must be sufficiently dry and have sufficient load-bearing capacity.

General conditions

AEROSANA VISCONN can be easily applied with an airless sprayer (nozzles: 3/17, 3/19, 3/25) or a brush (> 50 mm ; 2" width).
Cracks that are wider than 3 mm (120 mils) must be stuck over, covered with fleece or filled. The best coverage is achieved when a layer is first sprayed on horizontally and then sprayed over vertically in a cross pattern. Perfect airtightness can only be achieved with a sealed AEROSANA VISCONN film. The film is to be protected against moisture (e.g. rain) during drying.

Made in Germany

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