

VISCONN FIBRE



Fiber-reinforced, brush-applied air barrier made for filling gaps up to ¾" wide

BENEFITS

VISCONN FIBRE is a high-quality, water-based acrylic dispersion air barrier containing small fibers that help span gaps in substrates. Apply with brush to fill gaps up to ¾" in CMU, concrete, wood, joist bays, WRBs and all Pro Clima membranes. Covered with VISCONN spray-on liquid film to forms a seamless, elastic air and vapor-retarding protective layer.

PRODUCT PROPERTIES

- Product contents: 1.3 Gallons (5 L)
- Coverage per container: 50-70 sq. ft (4.5 - 6.5 m²) depending on applied thickness
- Time-saving: liquid ready-to-use brush-applied sealant
- Covers cracks and joints of up to ¾" (20 mm) width
- Reliable bonding thanks to excellent adhesive properties on all standard construction surfaces
- For robust airsealing: 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 bonded onto it (or can be sprayed over all Pro Clima tapes)
- Use for interior and exterior areas shielded from UV/direct weather exposure
- Excellent values in the hazardous substance test

TECHNICAL SPECS

Attribute	Value
Material	Aqueous acrylic dispersion, fiber-reinforced
Color	Blue (wet), Navy Blue/ Black (dry)
Surface Weight (EN 1849-2)	0.65 - 1.3 oz/ft ² (200 - 400 g/m ²) depending on subsurface and applied thickness
Application Thickness	24 - 55 mils (0.6 - 1.4 mm) wet film



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TECHNICAL SPECS (Continued)		
Attribute	Norm	Value
Application Temperature		41°F to 95°F (5°C to +35°C)
Long term temperature resistance		-40°F to 176°F (-40°C to 80°C)
Airtightness	ASTM 2178	0.000000 L/(pa*m ² *s)
Perm Rating	ASTM E96	0.9 perms (dry cup) at 0.3mm
Vapor Variability	ISO 12572	0.66 - 22 US perms (sd: 0.15-5m)
Water Column	AATTC 127	6' 7" (2000 mm)
Water Resistance	ASTM E331	Passed per IBC 1403.2: 2 hours at 6.24PSF
Adhesion Strength	ASTM D7234	166 PSI
Cured Material		can be plastered/ painted over
Dry time		12 - 48 hours (at 68 °F (20 °C) 65% rel. humidity) depending on substrate / applied thickness
Connections		Pro Clima adhesive tapes can be applied on to dry VISCONN
Storage Temperature		41 °F - 77 °F 5 °C - 25 °C
UV / Weather Exposure		Maximum 3 months

APPLICATION

VISCONN FIBRE liquid-applied air barrier is used as a companion to VISCONN. Apply VISCONN FIBRE with a brush to cover gaps in substrates. The humidity-variable diffusion resistance of this product means that it can be used on the interior and exterior of building components. Apply to walls, ceilings and floor surfaces, such as non-plastered masonry, CMU, wood sheathing, fiberboard, joists or joist bays. It simplifies air sealing of difficult junctions such as windows, roofs, walls, ceilings and floors connections. Thanks to fiber reinforcement, joints and cracks of up to 3/4" (20 mm) can be reliably covered and sealed. VISCONN FIBRE can also be used for bonding/stabilizing substrates.



APPLICATION (continued)

VISCONN FIBRE is a high-quality, water-based acrylic dispersion paste that forms a seamless airtight membrane. It is elastic and vapor-retarding protective layer once it has dried. Adheres to all standard construction materials, wood, steel, masonry, all Pro Clima membranes, WRB, roof underlayments and membranes made of aluminium and paper.

SUBSTRATES

Before application, check whether the substrate is suitable for a liquid film. It may be necessary to apply a number of coats in the case of uneven or rough surfaces. Gaps (pieces broken out of the substrate) or significant unevenness may need to be closed using CONTEGA SOLIDO before VISCONN FIBRE application. Substrates should be cleaned.

Application temperature above +40 °F (+5 °C) substrate and air temperature. There must be no water-repellent substances (e.g. grease or silicone) on materials to be coated. Substrates must be sufficiently dry and stable. Application to moist, but not wet substrates is possible. The liquid film adheres to all standard construction materials, e.g. mineral substrates such as concrete and masonry (e.g. bricks, aerated concrete). It can be acceptable to apply to lightly sandy/fraying concrete, mortar or plaster substrates. Can also be applied to all pro clima membranes, membranes made of PE, PA, PP and aluminium, to planed and painted wood, wood-based panels (OSB, plywood, MDF and Gutex wood fiber board panels), non-rusting metal substrates and hard plastics (windows, plumbing, etc).

Materials/surfaces beside the areas to be coated should be protected; this applies particularly to visible surfaces such as wood, glass, ceramics, clinker bricks, natural stone, paint/varnish and metal. Wash away any splashes immediately with copious amounts of water. Do not wait until they have hardened. Clean tools with water immediately after use. Collect the water used for washing and dispose of it in accordance with local regulations

Great and fast application to wood fiber board (Gutex) panels' butt joints in corners or valley (also possible with AEROFIXX tool)

Expansion joints cannot be sealed if the seasonal movement is not accounted for properly, inquiry at technical@foursevenfive.com when in doubt. Transitions such as floor-wall joints are to be coated with the minimum layer thickness of 20 wet mil /0.5mm /500 µm. Thickness has to be consistent along their entire lengths of sealed area.

Do not use VISCONN FIBRE to adhere overlaps of ProClima membrane (INTELLO, MENTO) - use TESCON VANA instead.

GENERAL CONDITIONS

Cracks that are wider than 3/4" (20 mm) must be covered with CONTEGA SOLIDO, then covered filled with VISCONN or parged. Complete airtightness can only be achieved with a consistently applied 20 wet mils of VISCONN (0.5mm/500 µm thickness). Verify with a VISCONN Wet Film Thickness Gauge.

Protective equipment

Wear personal protective equipment consisting of a mask, protective glasses and gloves.

Application with a brush

All VISCONN products can be applied using a brush. Recommend is a brush ≥ 50 mm (2") wide. Check the minimum layer thickness of 20 wet mils/0.5mm/500 µm using a measuring gauge.

Storage

If this product has been in storage for a longer period, water (~5%) can be mixed into it to achieve a consistency that is suitable for spraying. Do not over dilute the material (risk of excessive flow and poor coverage of cracks). Closing the container in an airtight manner and covering it within an airtight plastic bag will help to prevent premature drying.