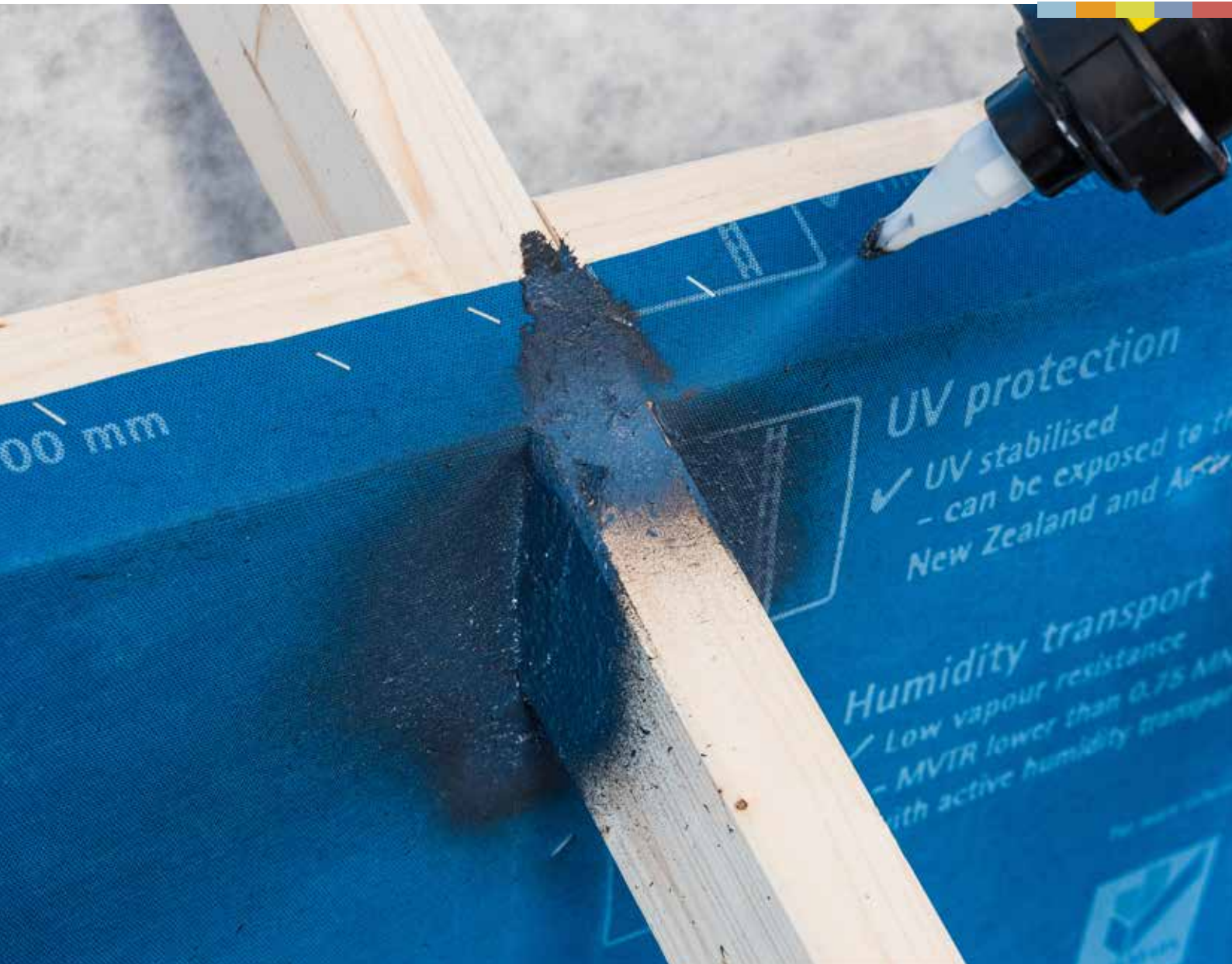




# AEROSANA<sup>®</sup> VISCONN FIBRE

## Application Guide for use with AEROFIXX Tool



Fibre-reinforced sealant with humidity-variable water vapour permeability

Fast and durable detailing for rafter penetrations  
in Weather Resistive Barrier (WRB) systems



## SYSTEM

Weather Resistive Barrier

Wall



AEROSANA® VISCONN Fibre for this use should be installed in protected outdoor environment and not be exposed to rain or standing water. For more information on the market leading, comprehensive and transparent pro clima System Warranty please visit [www.proclima.com.au/warranties](http://www.proclima.com.au/warranties).

## IMPORTANT

Rafter roofs only.  
If done in an truss roof application, drop the blocking by 20mm to allow sufficient airflow required by AS 4200.2.

AEROSANA®  
VISCONN FIBRE

Fibre-reinforced sealant with humidity-variable water vapor permeability, available in blue or black. This versatile fibre saves time when applied with the AEROFIXX tool.

**1** Prepare timber framing

Clean all sharp edges and protrusions from the timber framing to ensure the membrane will not be damaged during installation or in service.

**2** Marking rafter

Mark a line on each rafter which extends vertically up beyond the external face of the wall stud. This will help in step 4.

**3** Run up to rafter

Install the SOLITEX EXTASANA® or SOLITEX EXTASANA® ADHERO according to pro clima application guide to the underside of the rafters, leaving a minimum of 200mm flap.

**4** Blocking between rafters

Install and fix blocking between each rafter, flush with the top surface and aligned with the vertical mark.

**5** Prepare to cut SOLITEX EXTASANA®

Wrap the membrane into the corner and down the rafter so it is easier to cut.

**6** Cut detail around the rafter

Cut from each corner of the rafter 45° inwards and then straight in line with the rafter.





**IMPORTANT**

The SOLITEX EXTASANA® needs to be mechanically fixed, as the AEROSANA® VISCONN FIBRE is not designed like a tape.



7

**Run onto roof**

Wrap the membrane around the rafter and onto the blocking.



8

**Staple**

Staple every 50mm.



9

**Folding the reveals**

Staple the top flaps together so they won't flap under the pressure of spraying procedure.



10

**Dress to rafter**

Staple the membrane right into the corner using around 5 staples. Use the PRESSFIX tool.



11

**Prepping the reveals**

Using the PRESSFIX tool helps with pushing the membrane well into the corner.



12

**Preparing is done**

Using sufficient amount of staples will hold the membrane in place when spraying over it with high pressure.



**PRESSFIX** is a malleable plastic tool for applying pressure to pro clima adhesive TESCON® tapes to ensure long term durable bonding.

## SYSTEM

Weather Resistive Barrier

Wall



## IMPORTANT

For use with air compressors capable of up to 6.8 bar (100 psi), 300 l/min air flow.



## AEROFIXX

Recommended for particularly quick and easy application of the AEROSANA® VISCONN and AEROSANA® VISCONN FIBRE sealants from 600 ml foil cartridges onto smooth and rough mineral and non-mineral subsurfaces such as timber, wood fibreboards, OSB, stone, plaster, concrete etc.

**13** Spray the bottom first

Start from the bottom of the rafters. Caution should be taken when applying around the corners to create a continuous layer.

**14** Work up the sides

Continue spraying up the sides.

**15****Finish at the top**

Finish spraying the top part of the rafter to create a continuous layer around.

**16****Brush over**

Use a brush to even out the product and fill any potential gaps.

**17****Even out any extra material**

Even out the AEROSANA® VISCONN FIBRE, so drying is even across the whole area.

**18****Drying time**

Let the AEROSANA® VISCONN dry before proceeding. Run the SOLITEX MENTO® roof membrane over the rafters to protect the install.



## IMPORTANT

AEROSANA® VISCONN FIBRE is blue when wet and turns black when completely dry. When dry, pro clima TESCON® tapes will stick to AEROSANA® VISCONN product.



19

**Roof to wall membrane overlap**

After the SOLITEX MENTO® roof membrane has been installed, fold it up in preparation for the next step.



20

**DUPLEX double sided tape**

Apply DUPLEX tape 5mm up the outer edge and pressure activate it using the PRESSFIX tool.



21

**Remove the release paper**

Once the tape is applied to the outer edge surface, carefully peel off the release paper from the other side of the tape.



22

**Apply membrane**

Gradually lay the SOLITEX MENTO® membrane over and onto the DUPLEX tape.



23

**Pressure activate**

pro clima PRESSFIX tool to be used to ensure the membrane is pushed hard onto the DUPLEX and pressure applied with PRESSFIX.



24

**Check overlap connection**

After the membrane is pressed into place, the connection should be solid and durable.

**DUPLEX**

Double-sided acrylic tape for creating reliable connections at overlaps and junctions on membranes. It's an essential tool for installing weather-resistant and intelligent air barrier systems.



## SYSTEM

Weather Resistive Barrier

Wall



## IMPORTANT

This detail is only applicable if the wall membrane is mechanically stapled to a rigid substrate, or the full surface adhesive membrane SOLITEX EXTASANA® ADHERO is used.

**Cutting for penetrations**

Cut the penetration to size. The tolerance between the size of the penetration and the cutout in the membrane should not exceed 3mm.

**Clean area**

Use a brush to remove any shavings or sawdust from the cut area.

**Push pipe through**

Push the pipe through and fix it so it won't move in future. If the gap is bigger than 3mm, apply a bead around the pipe (see 31).

**AEROSANA® VISCONN FIBRE application**

Spray continuously all the way around the pipe.

**Even out compound**

Use a brush to even out the compound and to create a consistent layer.

**Drying**

Let the compound dry. After drying, AEROSANA® VISCONN FIBRE forms an airtight and weathertight seal.



**IMPORTANT**

The AEROFIXX device is connected to a compressor with a flow rate of >300 l/min. The pressure is set to 6 bar (87 psi).

You can easily switch between line application and spray application by turning the spray head.



**31a**

**Application as a bead**

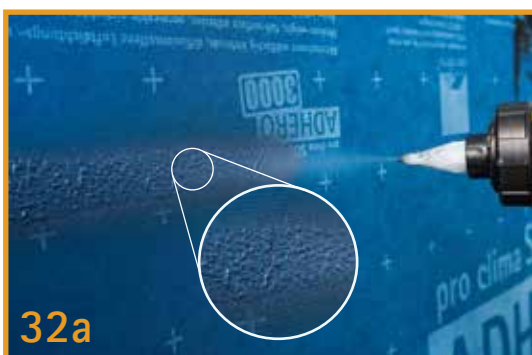
This application can be used to fill gaps up to 5mm.



**31b**

**Application as a bead**

Pressure valve (blue-red dial): Close all the way clockwise, then open it 180° counterclockwise.  
Ring (black dial): Twist all the way clockwise. (in line with the bead icon).



**32a**

**Application as a membrane**

This application is used to create a continuous layer of weather resistant and airtight membrane, sealing gaps up to 3mm wide.



**32b**

**Application as a membrane**

Pressure valve (blue-red dial): Open all the way counterclockwise, then close it 180° clockwise.  
Ring (black dial): Twist all the way clockwise, then turn back by half a revolution.



**33a**

**Application as a primer**

This application is to apply a layer of primer and should not be exposed to direct sunlight.



**33b**

**Application as a primer**

Pressure valve (blue-red dial): Open all the way counterclockwise.  
Ring (black dial): Twist all the way counterclockwise (in line with the spray icon).

## SYSTEM

Weather Resistive Barrier

Wall



### Recommendations and requirements

- Outdoor exposure is 90 days, but needs to be installed in protected areas.
- AEROSANA® VISCONN FIBRE changes colour from blue to black when it dries.
- Gaps of up to a maximum of 8 mm in width can be simply painted or sprayed over.
- Protective equipment:  
Air pressure raises airborne dust. For this reason, it is recommended that installers should wear personal protective equipment consisting of a mask, protective glasses and gloves, even in well-ventilated locations.
- Application with a brush:  
All AEROSANA® VISCONN products can be applied using a brush. To ensure efficient working, the width of the brush should be  $\geq 50$  mm.  
Check the minimum layer thickness of 500  $\mu\text{m}$  using a measuring gauge.  
Subsurfaces should be cleaned.
- Application temperature should be above +5 °C subsurface and air temperature. There must be no water-repellent substances (e.g. grease or silicone) on components to be coated. Subsurfaces must be sufficiently dry and stable. Application is possible on moist, but not wet subsurfaces.
- The liquid film adheres to all standard construction materials, e.g. mineral subsurfaces such as concrete and masonry (e.g. sand-lime bricks, other bricks, aerated concrete, pumice). Concrete or plaster subsurfaces may be sandy or crumbling to a small extent. Application is also possible to all pro clima membranes (SOLITEX ADHERO VISTO needs to be pre-treated with primer) and to membranes made of PE, PA, PP and aluminium, to unplanned, planed or painted wood, wood-based panels (chipboard, OSB, plywood, MDF and wood-fibre underlay panels), non-rusting metal subsurfaces and hard plastics (e. g. pipes, windows).
- Protect adjacent materials/surfaces:  
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.
- All AEROSANA® VISCONN FIBRE products in 600 ml foil cartridges can be applied using the AEROFIXX device.
- Cleaning:  
Screw off the spray head and remove the foil cartridge. Wipe off the device with a damp cloth. Rinse off the spray nozzles and spray head with water. Collect the water used for washing and dispose of it properly.
- Safety information:  
Read the safety instructions that are provided with AEROFIXX. The general safety regulations for working with compressed air apply here. Wear personal protective equipment when working with this device.



### Your local support

#### NEW ZEALAND

0800 PRO CLIMA (776 254)  
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