# Installation instructions

# AEROSANA® VISCONN FIBRE

## Application using brush or scraper

### 1. Stir the product

Before application from the tin: stir thoroughly.

### 2. Clean the subsurface

Clean loose material and coarse dirt from the subsurface using a brush, for example.

### 3. Determine the crack width

AEROSANA VISCONN FIBRE bridges cracks of up to 20 mm in width.

### 4. Painting over cracks up to 8 mm in width

Cracks of up to a maximum of 8 mm in width can be simply painted over. Guide the brush flat across the crack so that the gap becomes completely filled.

### 5. Filling cracks up to 20 mm in width

For cracks of 8 - 20 mm in width, apply AEROSANA VISCONN FIBRE deep into the crack.
To do so, the gap must be filled with sealant to a depth of at least half the width of the gap.

### 6. Closing up holes

Holes of up to a maximum of 70 mm in diameter at their widest point can be closed using AEROSANA FLEECE and AEROSANA VISCONN FIBRE.

### 7. Paint the subsurface

Apply AEROSANA VISCONN FIBRE with a thickness of at least 1 mm around the hole.

### 8. Apply the fleece

Cut AEROSANA FLEECE to shape and apply this onto the liquid sealant. Avoid cavities. The bridging fleece must be in contact with the masonry over a width of at least 40 mm around the hole.

### 9. Paint over the fleece

Paint over the entire area of the bridging fleece with AEROSANA VISCONN FIBRE.

### 11. Sealing around penetrations

When creating joints to penetrations, clean loose material and coarse dirt from the subsurface with a brush, for example.

### 12. Determine the fleece strip length

Determining the strip length of AEROSANA FLEECE: the bridging fleece must be in contact with the masonry and the pipe to be bonded over at least 40 mm for each.

### 13. Cut the fleece strip

Cut a strip of AEROSANA FLEECE in such a way that its width is slightly greater than half the pipe diameter. The strip can then be worked onto the pipe more easily.

### 14. Paint the subsurface

Apply AEROSANA VISCONN FIBRE with a thickness of at least 1 mm around the hole and pipe.

### 15. Apply the first fleece layer

Apply the fleece pieces onto the liquid AEROSANA VISCONN FIBRE. Ensure that the valleys formed are free of tension.

### 16. Paint over the fleece

Then apply AEROSANA VISCONN FIBRE to the fleece strips, the masonry and the pipe.

### 17. Apply the second fleece layer

Apply additional fleece strips so that the gap is completely closed. Avoid hollows (valleys).

### 18. Paint over the fleece

To finish, paint over the joint generously with AEROSANA VISCONN FIBRE.

### 20. Awkward detail features

AEROSANA VISCONN FIBRE can be used to achieve airtightness for geometrically challenging joints (e.g. on renovation projects) in a simple and reliable manner.

## 21. Paint the subsurface

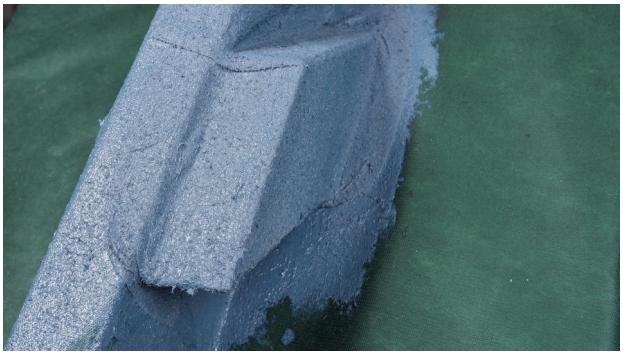
Paint AEROSANA VISCONN FIBRE with a thickness of at least 1 mm onto the subsurfaces to be sealed.
In the case of changes of material or close to corners, the brush-on sealant must be applied onto at least 40 mm of the subsurfaces.

## 22. Apply the first fleece layer

Cut pieces of AEROSANA FLEECE into shape and apply them onto the wet AEROSANA VISCONN FIBRE.

## 23. Paint over the fleece

Paint the brush-on sealant onto AEROSANA FLEECE in the area around overlaps to ensure they stick to one another. Once all fleece pieces have been fitted, paint all of the joint with AEROSANA VISCONN FIBRE.



## 24. Protection against moisture

The drying time for the joint created is around 4 - 24 hours depending on the absorbency of the subsurfaces and the climate conditions. During this time, the joint must be protected against moisture.

## 25. Colour change after drying

The colour changes to black during drying.
If gaps are noticed after application, these can be closed subsequently with AEROSANA VISCONN FIBRE.

# Eave refurbishment with AEROFIXX

## 1. Preparation

Brush off subsurfaces; if necessary, clean with a vacuum cleaner and wipe down.


## 2. Spray over birdsmouth joints

In the area around the birdsmouth joints, spray over the joints between rafters and the wallplate with a generous amount of sealant so that any movement of components that occurs can be accommodated.

## 3. Continue along the rest of the eave

Also apply a generous amount of AEROSANA VISCONN / FIBRE below the rafters in the area around the birdsmouth joints.

## 4. Seal wide joints

Switch the AIRFIXX to line application and completely fill the gap (in this case, between the wallplate and the knee wall) with AEROSANA VISCONN / FIBRE.

## 5. Spray over the joint

Set the AEROFIXX to spray application and spray over the joint in a generous manner. Apply the sealant to a width of at least 30 mm on the surfaces to be sealed. The layer thickness is sufficient when a textured surface ('orange peel') is recognisable.

## 6. Use as a primer

If required, apply AEROSANA VISCONN /FIBRE as a primer onto timber that the refurbishment vapour control membrane (e.g. DASATOP) will be bonded to subsequently.


### 7. Stick the joint

After the sealant has fully dried, seal the refurbishment vapour control membrane in an airtight manner using TESCON VANA, for example.

## Joints at double collar ties with AEROFIXX

### 1. Initial situation

### 2. Preparation

Brush off subsurfaces; if necessary, clean with a vacuum cleaner and wipe down.

### 3. Check the joint width

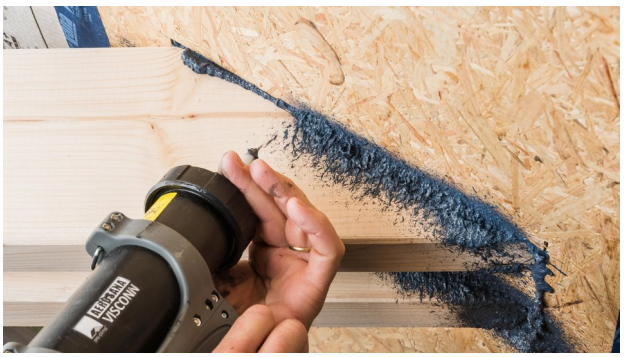
Gaps of up to 3 mm can be filled using AEROSANA VISCONN. Use AEROSANA VISCONN FIBRE for wide gaps of up to 20 mm. In this case, the gap must be filled with sealant to a depth of at least half the width of the gap.

### 4. Set the device

Set the AEROFIXX to line application.

## 5. Fill the joint

Fill the joint with a sufficient amount of AEROSANA VISCONN / FIBRE.



## 6. Spray over the joint

Set the AEROFIXX to spray application and spray over the joint in a generous manner. Apply the sealant to a width of at least 30 mm on the surfaces to be sealed. The layer thickness is sufficient when a textured surface ('orange peel') is recognisable.

## 7. Work on detail features

Areas that are difficult to access can also be sealed conveniently using the spray method.

## 8. Check the joint

If necessary, seal any gaps with a brush and AEROSANA VISCONN / FIBRE.

**9. The finished joint at a double collar tie penetration**

## Window joint with AEROFIXX

**1. Initial situation**

Window is installed, window joint has been filled with insulation material.

**2. Preparation**

Brush off subsurfaces; if necessary, clean with a vacuum cleaner and wipe down.

**3. Cut away any excess insulation material**

If necessary, cut away any protruding insulation.

**4. Apply masking tape to the window frame**

When doing this, leave a strip with a width of at least 6 mm free on the frame for subsequent sealing using AEROSANA VISCONN / FIBRE.

Alternatively, remove the joint insulation to a sufficient extent to create a clean surface for a lateral bond to the side of the window frame.

## 5. Spray on the sealant

Spray a sufficient amount of AEROSANA VISCONN / FIBRE onto the window frame, the joint insulation and the adjacent masonry. Apply the sealant evenly. Cracks and pores must be closed by flooding them. The layer thickness is sufficient when a textured surface ('orange peel') is recognisable.

## 6. Continue around the rest of the window

Bond all four sides of the frame to the masonry using AEROSANA VISCONN / FIBRE.

## 7. Check the joint

If necessary, seal any gaps with a brush and AEROSANA VISCONN / FIBRE.


## 8. Interior and exterior use

AEROSANA VISCONN / FIBRE can be used for interior and exterior window joints. The installation method is identical in both cases.

## 9. Remove the masking tape

Remove the protective masking tape immediately after the window joint is sealed.
Remove any traces of AEROSANA VISCONN / FIBRE from the window frame immediately using a damp cloth.

# Sealing wall-to-floor joints with AEROFIXX

### 1. Preparation

Brush off subsurfaces; if necessary, clean with a vacuum cleaner and wipe down.


### 2. Preparation of taped joints between boards, if required

If the gaps between adjacent wood-based panels have been taped using TESCON RAPIC to create airtight seals, this tape should be covered over with short lengths of TESCON VANA in the area close to the floor where a liquid sealant will be applied. The edges of the TESCON VANA must adhere directly onto the wood-based panel here.

### 3. Spray setting

Set the AEROFIXX to spray application.

### 4. Spray over the base joint

Spray the wall-to-floor joint area. Apply the sealant to a width of at least 30 mm on the surfaces to be sealed.
The layer thickness is sufficient when a textured surface ('orange peel') is recognisable.

## Substrates

Before application, check whether the subsurface is suitable for a liquid film. It may be necessary to apply a number of coats in the case of uneven or shaped subsurfaces. Gaps porous surfaces or significant unevenness may need to be closed using AEROSANA FLEECE, taped over before application or levelled off with filler.

Subsurfaces should be clean dry and dust-free. Application temperature should be above +5 °C subsurface and air temperature. There must be no water-repellent substances (e.g. grease or silicone) on the materials to be coated. Application to moist, but not wet subsurfaces is possible.

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). Refer to Compatability matrix in SOLITEX EXTASANA ADHERO application guide.

AEROSANA® VISCONN FIBRE can be applied to all pro clima membranes, membranes made of PE, PA, PP, aluminium, painted/natural wood, wood-based panels (chipboard, OSB, plywood, MDF and wood fibre underlay panels), non-rusting metal subsurfaces and hard plastics (e.g. uPVC pipes, windows).

Transitions such as floor-wall joints must be coated with the required minimum layer thickness (500 µm wet application).
Construction joints and transitions of greater than 20mm gaps can be treated using AEROSANA FLEECE for reinforcement.
If pro clima INTELLO layers are to be air sealed, these should be fixed in place using a suitable adhesive tape (e.g. TESCON VANA or TESCON EXTORA). The transition must be free of tension.

**Protect adjacent materials/surfaces**
Materials/surfaces such as wood, glass, ceramics, clinker bricks, natural stone, paint/varnish and metal should be protected; Wash away any splashes immediately with water. Clean tools with water immediately after use.

## General conditions

Gaps of up to a maximum of 8 mm in width can be simply painted over.
For gaps of 8 - 20 mm in width, apply AEROSANA VISCONN FIBRE deep into the base of the gap. Apply sealant to a depth of at least half the width of the gap.
In the case of larger joints or gaps use AEROSANA FLEECE or an adhesive tape (e.g. TESCON VANA or TESCON EXTORA).

AEROSANA VISCONN FIBRE changes colour from blue to black when it dries.
The wet film must be protected against contact with liquid water until it has fully dried.

**Protective equipment**
Spray in well-ventilated locations Wear personal protective equipment consisting of a mask, protective glasses and gloves.

**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 ≥ 50 mm. Check the minimum layer thickness of 500 µm using a measuring gauge.

**Storage**
Do not dilute the material too much (risk of excessive flow and poor coverage of cracks). Closing the container in an airtight manner and covering it with a thin sheet of polyethylene will prevent drying out.



The information provided in this document is based on practical experience and current knowledge and was correct at the time of publication. Pro Clima reserves the right to change technical details as developments occur and improvements are made to our products.

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