

pro clima CONTEGA FC

Plaster sealing tape

- Vapour resistant plaster sealing tape
- Three-layer PET fleece can be simply plastered in
- Simple and secure connection to the joints of doors and windows
- RAL-compliant joint
- Airtight joint between visible timber components and adjoining structural elements such as brickwork and concrete



Area of application

pro clima CONTEGA FC enables the airtight sealing of doors and windows according to RAL recommendations (airtight on the inside, higher diffusion resistance on the inside compared to the outside).

Features/advantages

pro clima CONTEGA FC is affixed to the frames of doors or windows. The tape is folded over in the corner area. The length of the fold is determined by the geometry of the corner and the required adjustment of the tape to the shape of the structural element. When the structural component is plastered, CONTEGA FC is embedded in the middle layer of the plaster.

Material

The tape is made from a plaster compatible polyester fleece with an inner membrane.

The integrated adhesive strips are made from a non-ageing acrylate which is free of solvents or softeners.

This ensures both high temperature resistance and strong, durable bonding.

Please note!

Plasters with a high gypsum content adhere exceptionally well to the polyester fleece. If plasters contain chalk or cement, a bonding layer, such as reinforced mortar, is required. Please follow the latest pro clima application matrix and the recommendations of the "pro clima Interior Sealing System" brochure.

Technical Data

Material	3-layer PET fleece
Vapour resistance	7.75 NM _s /g
s _d value	2,3 m
Temp. resistance	long term -40° C to +90° C
Working temp.	from -10° C
Colour	Blue
Roll width	8,5 cm
Roll length	15 m

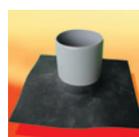
pro clima system components for secure airtight adhesion:



TESCON No. 1
All round adhesive tape for inside and outside



ORCON F
For connections to adjoining structural components.



Cable/pipe grummet
Secure feed through for cables and pipes.



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Application

pro clima CONTEGA FC provides a durable, secure, airtight connection from windows, doors or planed timber components, such as roof beams, rafters

and floor beams, to brickwork or concrete that must be plastered at a later stage in the construction process.

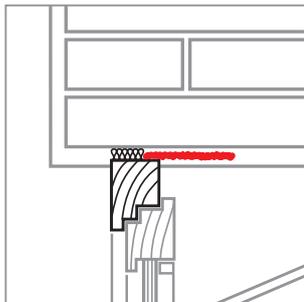
Surfaces

For a durable bond between the adhesive strips and the windows, doors or timber components, the surfaces must be stable, dry, smooth, and free from dust, silicone and grease. Remove sawdust from the surface (with vacuum cleaner).

If necessary, remove dust with a cloth. Remove flaking materials such as peeling paintwork. Adhesion to frozen surfaces is not possible. Surfaces must be suitable for permanent, airtight adhesion with air sealing adhesive tapes.

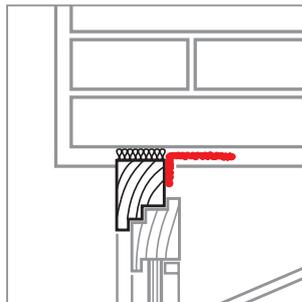
In case of doubt, adhesion tests should be carried out. The 3-layer PET fleece can be plastered into all plaster carrying surfaces, such as brick, lime sandstone, porous concrete, pumice, concrete, etc.

Application



Before installation of windows or doors:

Remove release paper and affix pro clima CONTEGA FC around the sides of the frame. Press the adhesive strips firmly down.



Installed windows or doors:

Remove release paper and affix pro clima CONTEGA FC (if possible) around the sides of the frame.

If it is not possible to affix them at the side, the adhesive strips should be fixed to the inside of the frame and pressed down firmly. Application to beam penetrations can be carried out in a similar manner.

The high final strength of the bonds is reached within 24 hours.



Corner application details

The tape should be folded, as shown above, at window corners or around beams.



The beginning and end of the pro clima CONTEGA FC is glued with pro clima DUPLEX or ORCON F. The airtight fleece is later embedded in the middle layer of plaster.

Gypsum plaster bonds very well to the CONTEGA FC fleece. In connection with plaster containing chalk or cement, a bonding layer, such as reinforced mortar, is required.

Please follow the currently valid pro clima application matrix and the recommendations of the "pro clima Interior Sealing System" brochure.

Further information about application and construction is contained in the brochure "pro clima Interior Insulation System". If there are any questions, the pro clima technical hotline can be reached at +353 46 9432104.

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