ORCON F

All-round joint adhesive for interior and exterior use

Technical data

	Material
Main component	Dispersion based on acrylic acid copolymers and ethanol. Free from plasticisers, halogens
Cartridge	PCR (recycled)

Property	Regulation	Value
Colour		Green
Bond durability, non-aged/aged	DIN 4108-11	Passed
Elasticity		High elasticity
Installation temperature		-10 °C to 50 °C ; 14 °F to 122 °F
Temperature resistance		Permanent -40 °C to 80 °C ; -40 °F to 176 °F
Storage		Down to -20 °C; -4 °F, cool and dry

Areas of application

- Creation of airtight seals between adjacent surfaces and vapour check and airtight membranes of all kinds, including all pro clima vapour checks and airtight membranes (e.g. pro clima INTELLO, INTELLO X, DB+, DASATOP and DA).
- Creation of windtight seals between adjacent surfaces and roofing underlay membranes of all kinds (PP, PET). Sealed joints between adjacent surfaces and the pro clima SOLITEX MENTO series, SOLITEX QUANTHO, SOLITEX ADHERO or SOLITEX UM connect, for example, meet the requirements specified by the German ZVDH product data sheets.
- Windtight adhesion between adjacent surfaces and breather membranes (e.g. pro clima SOLITEX FRONTA series).
- Sealing overlaps and joints for trickle protection membranes.

Coverage

Delivery form	Content	Bead width	Coverage
Cartridge	310 ml (10.5 US fl oz)	5 mm (3/16")	~15 m (50 ft)
		8 mm (5/16")	~6 m (20 ft)
Foil tube	600 ml (20.3 US fl oz)	5 mm (3/16")	~30 m (100 ft)
		8 mm (5/16")	~12 m (40 ft)

Supply forms

Art. no.	GTIN	Contents	Weight	Sales unit	Container
10106	4026639016270	0.31 l	0.376 kg	20	1200
10107	4026639016287	0.6 l	0.625 kg	12	720

Advantages

- ✔ Reliable adhesion even during frosty conditions: can be worked with above –10 °C (14 °F)
- ✔ Particularly durable: adhesion for 100 years, independently tested and confirmed
- ✔ Ensures firm and permanently elastic adhesion
- ✔ Ensures reliable joints: penetrates deep into the subsurface, remains elastic
- ✔ Test winner in April 2012 with the German product-testing foundation 'Stiftung Warentest'
- ✔ Construction in adherence with standards: for airtight sealing in accordance with DIN 4108-7, SIA 180 and RE 2020
- ✔ Can be stored down to -20 °C (-4 °F). Material does not freeze in the tube
- ✔ Excellent values in hazardous substance testing, has been tested according to the ISO 16000 evaluation scheme

Substrates

Clean subsurfaces before applying adhesive. Mineral surfaces (plaster or concrete) may be slightly moist. Adhesion is not possible on frozen surfaces. There must be no water-repellent substances (e.g. grease or silicone) on surfaces to be sealed. Subsurfaces must have sufficient stability – if necessary, a mechanical support (pressure lath) must be used (e.g. on crumbling subsurfaces).

Permanent adhesion is achieved on all pro clima interior and exterior membranes, on other vapour check and airtight membranes (e.g. those made of PE, PA, PP and aluminium) and on other underlay and breather membranes (e.g. those made of PP or PET). Seals can be created on mineral subsurfaces (e.g. plaster or concrete), roughly sawn or planed wood, and hard wood-based panels (chipboard, OSB, plywood, MDF panels).

The best results in terms of achieving a well-protected structure are achieved on high-quality subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests are recommended in certain cases.

General conditions

The adhesive joints created must not be subjected to tensile forces.
The product achieves its final level of strength only when it has dried. This should be taken into account if airtightness measurements are to be carried out or if blown-in insulation material is to be installed directly after application of this adhesive. It may be advisable to implement protective measures such as mechanical reinforcements in the case of subsurfaces that have insufficient stability.
Ventilate continuously and systematically to prevent build-up of excessive humidity; use a dryer if necessary.

The information provided here is based on practical experience and the current state of knowledge. We reserve the right to make changes to the recommended designs and processing or to make alterations due to technical developments and associated improvements in the quality of our products. We would be happy to inform you of the current technical state of the art at the time you use our products.

Further information about installation and design details is available in the pro clima planning documentation. If you have any questions, please contact [pro clima Technical Support](https://proclima.com/service/technical-support).

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