ORCON® MULTIBOND

Roll of adhesive sealant for interior and exterior use



Technical data

	Material
Main component	SOLID acrylate, no plasticisers, solvents, emulgators or preservatives
Release film	Silicone-coated PP film

Property	Regulation	Value
Colour		Translucent green
Width of adhesive bead		11 mm ; $^{7}/_{16}$"
Thickness of adhesive bead		3 mm ; ⅛"
Moisture resistance		Waterproof
Bond durability, non-aged/aged	EN 17990	Passed
Adhesion	EN 1939	16 N/cm
Application temperature		Above -15 °C ; 5 °F
Temperature resistance, permanent		-40 °C to 100 °C ; -40 °F to 212 °F
Storage		Horizontal, cool and dry, protect from direct sunlight

Areas of application

Solvent-free, permanent, elastic, frost-resistant airtight adhesive that is applied from a roll, for sealing all types of vapour control membranes and vapour barriers – e.g. INTELLO, INTELLO X, DB+, DASATOP and DA, as well as PE, PA, PP or aluminium sheeting – to mineral or rough adjacent components such as masonry, plasterwork, concrete or roughly sawn wood.

Creation of windtight seals for typical commercially available roofing underlay membranes (e.g. those made of PP or PET). Sealed joints with the SOLITEX MENTO series, SOLITEX QUANTHO, SOLITEX ADHERO and SOLITEX UM meet the requirements of the German ZVDH product data sheets.

Creation of windtight seals for breather membranes (WRBs) of all kinds (e.g. SOLITEX FRONTA series).

Supply forms

Art. no.	Length	Width	Contents	Weight	Sales unit	Container	GTIN
1AR02195	10 m	11 mm	2 rolls	0.769 kg	6	630	4026639221957

Advantages

- ✔ Subsequent work can be started quickly: adhesive sealant from a roll, no drying time – joint can be subjected to loading immediately
- ✔ Can be used flexibly: adheres in a permanent, reliable manner thanks to water-resistant SOLID adhesive
- ✔ Reliable even in cold conditions: adheres down to –15 °C (5 °F)
- ✔ Standards-compliant construction: for airtight sealing in accordance with DIN 4108-7, SIA 180 and RE 2020
- ✔ 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 internal and external membranes, on other vapour control 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 and PET). Seals can be created on mineral subsurfaces (e.g. plaster or concrete), roughly sawn, planed or painted wood, hard plastics or rustproof metal (e.g. pipes, windows etc.) 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 may be necessary in certain cases. Pre-treatment with TESCON PRIMER is recommended in the case of subsurfaces that have insufficient stability.

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General conditions

The adhesive joints created must not be subjected to tensile forces. It may be advisable to implement protective measures such as mechanical reinforcements in the case of subsurfaces that have insufficient stability. Rub the tape firmly into place (e.g. using the PRESSFIX application tool). Ventilate continuously and systematically to prevent the build-up of excessive humidity; use a dryer if necessary. The product achieves its final level of strength after approx. 24 h.

Tested for hazardous substances according to ISO 16000

NSAI Agrément
pro clima Intelligent Airtight System
CERT No. 07/0297

Made in Germany developed and produced by pro clima

The applications and conditions described here are based on current research findings and practical experience. We reserve the right to change the recommended application designs and installation methods and to develop and thus change the properties and quality of individual products. We would be glad to inform you about the current state of engineering knowledge at the time that your installation is carried out.

The planning documentation that is available from pro clima provides further information about installation methods and design details. If you have questions, please contact pro clima Technical Support in Germany at +49 6202 278245.

MOLL
bauökologische Produkte GmbH
Rheintalstraße 35 - 43
68723 Schwetzingen
Germany
Phone: +49 6202 2782 0
eMail: info@proclima.com