CONTEGA® SOLIDO IQ

Intelligent, full-surface adhesive plaster/window-sealing tape, for interior and exterior use

Technical data

	Material
Backing	PP backing fleece, PE copolymer special membrane
Adhesive	Modified water-resistant SOLID adhesive
Release film	Single/double-split silicone-coated PE sheet

Property	Regulation	Value
Colour		Black, print: green
sd value, humidity-variable	EN ISO 12572	0.4 to > 25 m
g value, humidity-variable		2 to > 125 MN·s/g
Vapour permeance, humidity-variable	EN ISO 12572	< 0.13 to 8 US perms
Outdoor exposure		8 months
Water column	EN ISO 811	> 2 500 mm ; 8' 2"
Bond durability, non-aged/aged	DIN 4108-11	Passed
Can be plastered over		Yes
Installation temperature		Above -10 °C ; 14 °F
Temperature resistance		Permanent -40 °C to 90 °C ; -40 °F to 194 °F
Storage		Cool and dry

Areas of application

For interior use for vapour-checking and airtight joints between membranes or wood-based panels and windows, doors or mineral surfaces. For exterior use for windtight joints that are resistant to driving rain.

Splits on release film

Tape width	Split (approx.)
80 mm (3 1/8")	20 | 60 mm (3/4" | 2 3/8")
100 mm (4")	20 | 40 | 40 mm (3/4" | 1 5/8" | 1 5/8")
150 mm (5 7/8")	20 | 70 | 60 mm (3/4" | 2 3/4" | 2 3/8")
200 mm (7 7/8")	20 | 100 | 80 mm (3/4" | 4" | 3 1/8")
250 mm (9 7/8")	20 | 110 | 120 mm (3/4" | 4" 3/8" | 4 3/4")
300 mm (11 3/4")	20 | 140 | 140 mm (3/4" | 5 1/2" | 5 1/2")

Supply forms

Art. no.	GTIN	Length	Width	Splits on release film	Weight	Sales unit	Container
16811	4026639168115	30 m	80 mm	20 | 60 mm	0.98 kg	8	384
16815	4026639168153	30 m	100 mm	20 | 40 | 40 mm	1.23 kg	8	288
16817	4026639168177	30 m	150 mm	20 | 70 | 60 mm	1.85 kg	4	192
16819	4026639168191	30 m	200 mm	20 | 100 | 80 mm	2.45 kg	4	144
1AR02593	4026639225931	30 m	250 mm	20 | 110 | 120 mm	3 kg	4	96
1AR02595	4026639225955	30 m	300 mm	20 | 140 | 140 mm	3.6 kg	4	96

Advantages

- ✔ Reliable installation: the same tape for interior and exterior use thanks to its intelligent functional film
- ✔ Saves time: the joint is immediately windproof and resistant to driving rain, and it can be subjected to loading
- ✔ Reliable joints: water-resistant SOLID adhesive has extremely strong adhesion on mineral subsurfaces too
- ✔ Extra thin: for easy folding in corner areas
- ✔ Construction in adherence with standards: for airtight sealing in accordance with DIN 4108-7, SIA 180 and RE 2020
- ✔ Fleece side can be plastered over: defined transition between window joints and plasterwork
- ✔ Excellent values in hazardous substance testing, has been tested according to the ISO 16000 evaluation scheme

Substrates

Clean subsurfaces before sticking. Uneven mineral subsurfaces may need to be levelled with a smooth finish. Adhesion to frozen surfaces is not possible. There must be no water-repellent substances (e.g. grease or silicone) on surfaces where adhesives are to be applied. The width of the adhesive tape that is to be plastered over should generally not exceed 60 mm (2 3/8") or 50% of the soffit area. Detailed recommendations can be obtained from the relevant plaster producer. Subsurfaces must be sufficiently dry and stable.

Permanent adhesion is achieved on all pro clima interior and exterior membranes, other vapour check and airtight membranes (e.g. those made of PE, PA, PP and aluminium) as well as other roof and breather (WRB) membranes (e.g. those made of PP and PET).
Adhesion can be carried out on planed and painted wood, hard plastics, hard wood-based panels (chipboard, OSB and plywood panels), metal (e.g. pipes, windows etc.), rigid foam insulation materials that can be plastered over, and on mineral subsurfaces such as concrete and masonry.

The best results in terms of structural stability are achieved on high-quality subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests are recommended in certain cases. Pre-treatment with TESCON PRIMER is recommended in the case of subsurfaces with insufficient stability.

General conditions

The bonds should not be subjected to tensile strain.
Rub the adhesive tapes firmly to secure the adhesive bonds. Ensure that there is sufficient resistance pressure. Windproof, airtight or rainproof sealing can only be achieved if this sealing tape is installed without folds, creases or joints. Ventilate continuously and systematically to prevent build-up of excessive humidity; use a dryer if necessary.
When plastering, please observe the recommendations of the plaster manufacturer for non-absorbent subsurfaces. A bonding course may be necessary.

phA CERTIFIED COMPONENT Passive House Institute

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• CONTEGA SOLIDO IQ
nach MO-01/1:2007-01, Abs. 5.4
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ÉMISSIONS DANS L'AIR INTÉRIEUR* A+ (A+ A B C)
*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes missions)

Tested for hazardous substances according to ISO 16000

Made in Germany developed and produced by pro clima

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).

MOLL
bauökologische Produkte GmbH
Rheintalstraße 35 - 43
D-68723 Schwetzingen
Fon: +49 (0) 62 02 - 27 82.0
eMail: info@proclima.de