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 functional film
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	EN ISO 12572	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	EN 17990	Passed
Can be plastered over		Yes
Application temperature		Above -10 °C ; 14 °F
Temperature resistance, permanent		-40 °C to 90 °C ; -40 °F to 194 °F
Storage		Cool and dry
Passive House Certification	Passivhaus Institut	phA

Areas of application

For interior use for vapour-controlling 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 (3⅛")	20 | 60 mm (¾" | 2⅜")
100 mm (4")	20 | 40 | 40 mm (¾" | 1⅝" | 1⅝")
150 mm (5⅞")	20 | 70 | 60 mm (¾" | 2¾" | 2⅜")
200 mm (7⅞")	20 | 100 | 80 mm (¾" | 4" | 3⅛")
250 mm (9⅞")	20 | 110 | 120 mm (¾" | 4⅜" | 4¾")
300 mm (11¾")	20 | 140 | 140 mm (¾" | 5½" | 5½")

Supply forms

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

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
- ✔ Standards-compliant construction: 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

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Substrates

Clean subsurfaces before applying tape. Fine dust and any loose fibres must be thoroughly removed by vacuuming. Uneven mineral subsurfaces may need to be levelled with a smooth plaster 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.

Observe the recommendations for plastering over adhesive tapes that are specified by the producer of the plaster. In most cases, it is recommended that the width of adhesive tape that is to be plastered over should not exceed 60 mm (2⅜") or 50% of the reveal area. Subsurfaces must be sufficiently dry and stable; if necessary, subsurfaces should be stabilised or renewed.

Permanent adhesion is achieved on all pro clima internal and external membranes, other vapour control 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). Tapes can be applied to planed or painted wood, gypsum fibreboards, hard plastics, hard wood-based panels (chipboard, OSB and plywood panels). For sealing joints on masonry or concrete or on rough substrates, use ORCON F.

Particular care is necessary when working with older or multi-layer subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests may be necessary in certain cases. Pre-treatment of the subsurface with TESCON PRIMER will improve the adhesive bond. No pre-treatment with primer is required on gypsum fibreboards if their surfaces have been cleaned and are dust-free.

General conditions

Taped joints 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 the 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

EPD verified

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• CONTEGA SOLIDO IQ
nach MO-01/1:2007-01, Abs. 5.4
01.07.2020

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

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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.

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