TESCON® PROFIL

Corner adhesive tape with separate removable release strips, for interior and exterior use

Technical data

	Material
Backing	Special PP fleece
Adhesive	Water-resistant SOLID adhesive
Release film	Silicone-coated PE film

Property	Regulation	Value
Colour		Light blue
Thickness	BS EN 1849-2	0.50 +-0.05 mm
Outdoor exposure		6 months
Bond durability, non-aged/aged	BS EN 17990	Passed
Can be plastered over		Yes
Application temperature		Above -10 °C ; +14 °F
Temperature resistance, permanent		-50 °C to 90 °C
Storage		Cool and dry

Areas of application

Corner sealing of airtightness or windtightness layers, e.g. on windows and doors, as well as other corner joints on structures, indoors or outdoors, including joints between integrated roof and wall elements and roofing underlay/breather (WRB) membranes. Can also be used for sealing to wood-based panels.

Supply forms

Art. no.	Length	Width	Release film splits	Weight	Sales unit	Container	GTIN
1AR02137	30 m	60 mm	12 | 23 | 25 mm	0.65 kg	20	480	4026639221377

Advantages

- ✔ Sticks corners quickly, simply and tidily
- ✔ One product - two applications: release film split approx. 12 | 23 | 25 mm
- ✔ Adheres reliably, even if moisture is present: water-resistant SOLID adhesive
- ✔ Easy to work with: very malleable fleece backing
- ✔ Subsequent work can be started quickly: fleece backing can be plastered over directly
- ✔ Standards-compliant construction: for airtight sealing in accordance with DIN 4108-7, SIA 180 and RT 2012
- ✔ Excellent values in hazardous substance testing, has been tested according to the ISO 16000 evaluation scheme

Substrates

Clean subsurfaces before applying tape. Adhesion is not possible on frozen surfaces. There must be no water-repellent substances (e.g. grease or silicone) on surfaces where adhesives are to be applied. 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, on other vapour control and airtight membranes (e.g. those made of PE, PA, PP and aluminium) and on other underlay and breather (WRB) membranes (e.g. those made of PP and PET).

Adhesion and taped connections are possible with planed and painted wood, hard plastics and metal (e.g. pipes, windows etc.), rigid foam insulation materials that can be plastered over, and hard wood-based panels (chipboard, OSB, plywood, MDF and wood-fibre underlay panels).

Pre-treatment with TESCON PRIMER is required in the case of adhesion to wood-fibre underlay panels or on smooth, mineral subsurfaces. It may be necessary to apply a bead of adhesive sealant – e.g. ORCON F – underneath the tape to achieve reliable seals on rougher surfaces.

The best results in terms of reliability are achieved on high-quality subsurfaces. 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.

General conditions

Taped joints must not be subjected to tensile forces. Once membranes have been taped, the weight of the insulation material must be supported by laths. Adhesion should be supported by additional laths, if necessary. 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 on vapour control or underlay/facade membranes that have been installed without folds or creases. 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.

EPD verified

NBS

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 Ireland and the UK:
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For over 20 years, Ecological Building Systems has been at the forefront of environmental and sustainable building products supplying a range of innovative airtightness solutions and natural insulations backed up with expert technical support.

As product suppliers in the UK and Ireland, we're happy to assist you with your projects and have expert technical and sales advice on hand.

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