



Technical data

Material	
Main component	TESCON VANA with EPDM (blue)
Main component	TESCON INVIS with EPDM (black)
Main component	EPDM (variant for ≤16 cables)

Property	Regulation	Value
Colour		Dark blue / black
Outdoor exposure		6 months
Bond durability, non-aged/aged	BS EN 17990	Passed (1+2 cables)
Can be plastered over		Yes
Application temperature		Above -10 °C ; 14 °F
Temperature resistance EPDM		Permanent -40 °C to 150 °C ; -40 °F to 300 °F
Storage		Cool and dry
Passive House Certification	Passivhaus Institut	phA (1 cable blue + ≤16 cables)

Areas of application

For quick, permanently sealed feedthroughs of cables through the airtightness layer. Also for exterior use, e.g. for roofing underlays, retrofit vapour control membranes or behind open-jointed cladding. Multi-cable grommet for up to 16 cables available as a set with a template and punching tool.

Supply form

Art. no.	Variant	Length	Width	Contents	Weight	GTIN
1AR02175	For 1 cable, blue	145 mm	145 mm	15 pieces	0.24 kg	4026639221759
1AR04011	For 1 cable, black	145 mm	145 mm	15 pieces	0.21 kg	4026639240118
1AR02179	For 2 cables, blue	145 mm	145 mm	15 pieces	0.21 kg	4026639221797
1AR04012	For 2 cables, black	145 mm	145 mm	15 pieces	0.21 kg	4026639240125
1AR02181	For ≤16 cables	140 mm	140 mm	10 pieces	0.5 kg	4026639221810

Advantages

- ✓ Keeps building structures dry: quick and easy sealing
- ✓ Reliable joints thanks to water-resistant SOLID adhesive
- ✓ Practical handling: cables can be pushed and pulled through the grommet – the joint remains sealed
- ✓ Extremely flexible and elastic, no protruding sleeve
- ✓ Available in black variants: backing fleece not visible behind open-jointed cladding
- ✓ Flexible on-site work sequencing: 6 months of outdoor exposure
- ✓ Construction in adherence with standards: 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 sticking. 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. 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).

Adhesive bonds are possible on planed and painted wood, hard plastics and metal (e.g. pipes, windows etc.), hard wood-based panels (chipboard, OSB, plywood, MDF and wood-fibre underlay panels).

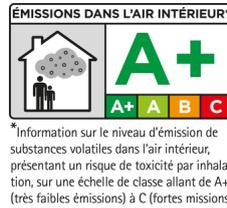
Pre-treatment with TESCON PRIMER is required in the case of adhesion to wood-fibre underlay panels or on smooth, mineral subsurfaces. It may be necessary to apply a bead of adhesive sealant – e.g. ORCON F – underneath the tape to achieve reliable seals on rougher surfaces.

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

The adhesive 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 on vapour control membranes, roofing underlays or breather (WRB) membranes that have been laid without folds or creases. Ventilate continuously and systematically to prevent the build-up of excessive humidity; use a dryer if necessary.



Tested for hazardous substances according to



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 application and construction is given in the pro clima planning documentation and application recommendations. If you have any questions, please call the pro clima technical hotline Ireland and 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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