

All-round adhesive tape with backing made from perforated PE film, for interior and exterior use



Technical data

| Material | | |
|--------------------------------|--------------------------------|--|
| Backing | Perforated PE foil | |
| Adhesive | Water-resistant SOLID adhesive | |
| Release film | Silicone-coated paper | |
| Property | Regulation | Value |
| Colour | | Dark blue |
| Outdoor exposure | | 3 months |
| Bond durability, non-aged/aged | DIN 4108-11 / 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 |

Areas of application

Interior use: Airtight taping of vapour control and airtight membranes and of airtight wood-based panels.

Exterior use: Airtight taping of on-roof and refurbishment vapour control and airtight membranes. Creating windtightness on roofing underlay membranes and breather membranes (e.g. SOLITEX). Windtight taping of wood-based panels as underlays.

All taped joints, indoor and outdoor, can be implemented between similar components or else with adjacent structural elements with a smooth, non-mineral surface (e.g. pipe penetrations, skylight windows).

Supply form

| Art. no. | Length | Width | Weight | Sales unit | Container | GTIN |
|----------|--------|-------|----------|------------|-----------|---------------|
| 1AR02074 | 30 m | 60 mm | 0.792 kg | 20 | 480 | 4026639220745 |

Advantages

- ✓ Adheres reliably, even if moisture is present: water-resistant SOLID adhesive
- ✓ Particularly durable: adhesion for 100 years, independently tested and confirmed
- ✓ Easy to work with: flexible backing, can be torn by hand
- ✓ Also suitable for penetrations: very elastic and permanently deformable
- ✓ Subsequent work can be started quickly: can be plastered over directly
- ✓ 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.

Permanent adhesion is achieved on all pro clima interior and exterior 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).

Adhesion and taped connections are possible on 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). Wood fibre sub-roof panels and smooth mineral subsurfaces require pre-treatment with TESCON PRIMER before sealing. Concrete or plaster subsurfaces must not be sandy or crumbling.

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 may be necessary in certain cases. Pre-treatment with TESCON PRIMER is recommended in the case of subsurfaces with insufficient stability.

General conditions

Taped joints should not be subjected to tensile strain. 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 membranes, roofing underlays or breather (WRB) membranes that have been installed without folds or creases.



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.



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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