

DUPLEX

Double-sided adhesive tape for interior and exterior use



Technical data

| Material | |
|---------------|---------------------------|
| Adhesive | Special acrylate adhesive |
| Release film | Silicone-coated PE film |
| Reinforcement | Plastic |

| Property | Regulation | Value |
|--------------------------------|-------------|--|
| Colour | | Transparent |
| Bond durability, non-aged/aged | DIN 4108-11 | Passed |
| 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

Exterior use: Moisture-resistant sticking of overlaps between underlay and breather (WRB) membranes and of on-roof vapour check and airtight membranes onto hard surfaces.

Interior use: Fixing vapour check and airtight membranes onto metal structures. Also for joints to windows, for example.

Supply forms

| Art. no. | GTIN | Length | Width | Weight | Sales unit | Container |
|----------|---------------|--------|-------|---------|------------|-----------|
| 1AR02983 | 4026639229830 | 80 m | 40 mm | 1.02 kg | 6 | 720 |
| 1AR03071 | 4026639230713 | 80 m | 25 mm | 0.66 kg | 10 | 1200 |

Advantages

- ✓ Good component reliability thanks to permanently sealed adhesive joints
- ✓ 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 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.

Permanent adhesion is achieved on all pro clima interior and exterior membranes, on other vapour check 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). Adhesive bonds are possible with planed and painted wood, hard plastics and metal (e.g. pipes, windows etc.) and hard wood-based panels (chipboard, OSB and plywood panels).

The best results in terms of reliability 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 that have insufficient stability.

General conditions

Stuck joints must not be subjected to tensile forces. 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 check or underlay/facade 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.

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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