

# 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	BS EN 17990	Passed
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

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

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

## Supply form

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

## 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 substrates 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, substrates 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). 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 substrates. Particular care is necessary when working with older or multi-layer substrates. It is your responsibility to check the suitability of the substrate; adhesion tests may be necessary in certain cases. Pre-treatment of the substrate with TESCON PRIMER will improve the adhesive bond.

## 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 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.

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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