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 forms

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 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). 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. 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

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.

pro clima®

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:
Phone: +353 46 9432104
info@ecologicalbuildingsystems.com

To find your local stockist, please contact:

Ireland
Phone: +353 46 9432104

UK
Phone: +44 1228 711 511

Ecological Building Systems
info@ecologicalbuildingsystems.com
www.ecologicalbuildingsystems.com

MOLL
bauökologische Produkte GmbH
Rheintalstraße 35 - 43
68723 Schwetzingen
Germany
www.proclima.com

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.

Call us

Great Britain +44 (0)1228 711511

Ireland +353 46 9432104

Email us

info@ecologicalbuildingsystems.com

Find us

Great Britain Ecological Building Systems UK Ltd.,
Cardewlees, Carlisle, Cumbria, CA5 6LF,
United Kingdom

Ireland Ecological Building Systems Ltd.,
Main Street, Athboy. Co. Meath, C15 Y678,
Republic of Ireland

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