TESCON RAPIC®

Rapid-application adhesive tape for interior and exterior use



Technical data

	Material
Backing	PE film
Adhesive	Water-resistant SOLID adhesive
Release film	None
Reinforcement	Polyester

Property	Regulation	Value
Colour		Blue
Outdoor exposure		3 months
Bond durability, non-aged/aged	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

Airtight taping of vapour control and airtight membranes and of smooth, hard airtight wood-based panels.

Supply forms

Art. no.	Length	Width	Weight	Sales unit	Container	GTIN
1AR03693	30 m	50 mm	0.448 kg	24	576	4026639236937
1AR03694	30 m	60 mm	0.55 kg	20	480	4026639236944

Advantages

- ✔ Saves time and money: no removal, picking up or disposal of release paper
- ✔ Easy to work with: the tape backing can be torn by hand
- ✔ Adheres reliably, even if moisture is present: water-resistant SOLID adhesive
- ✔ Standards-compliant construction: 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. Fine dust and any loose fibres must be thoroughly removed by vacuuming. Adhesion is not possible on frozen surfaces. There must be no water-repellent substances (e.g. grease or silicone) on materials to be sealed. Subsurfaces must be sufficiently dry and stable; if necessary, subsurfaces should be stabilised or renewed.

Permanent adhesion is achieved on all pro clima interior membranes, on other vapour control and airtight membranes (e.g. those made of PE, PA, PP and aluminium). Can be used to tape joints between hard airtight wood-based panels (chipboard, OSB and plywood panels), including cross-shaped and T-shaped joints.

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.

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.

No taping of wood-fibre insulation panels.

General conditions

Taped joints must not be subjected to tensile forces. Once membranes have been taped, the weight of the insulation material must be supported by laths. Taped joints 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.
Airtight taped joints can only be achieved on vapour control 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 ISO 16000

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 Germany at +49 6202 278245.

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