

Hanno®-Flashing Tape Hanno DUO Easy 240

Product description

The tape consists of modified polyamide with a fleece-film combination. The tape is composed of four layers and has a variable sd value. The aggressive self-adhesion of the full underside makes the tape very easy to install in completely hidden position in which it can be plastered and painted over without leaving adhesive marks on the masonry. Besides, a version with additional self-adhesive cover on the upper surface is available.

Product properties

- ift-certified, RAL-certified
- moisture depending sd-value
- suitable for rehabilitation and new construction
- High adhesive strength of the mounting strip on all kinds of window frames and different types of masonry base.
- can be installed at low temperatures
- can be plastered and painted over
- stretchable

Applications

- Indoor and outdoor sealing

Form of Delivery

Reels of application widths from 75 to 200 mm, see price list. As standard, Hanno®-Flashing Tape -DUO Easy 240 is equipped with a fully self-adhesive side for connection to the window and to masonry. The cover film is perforated in longitudinal direction. For easy installation, Hanno®-Flashing Tape DUO Easy+ 240 is equipped with an additional self-adhesive strip on the upper side.

Processing

The adhesive surfaces must be free from oil, grease and dust. Low temperatures can lower the adhesion. Adequate adhesion should be ensured through self-tests before further processing.

The base must be sufficiently load-bearing. At highly absorbing/porous surfaces and to enhance adhesion on cold, humid surfaces they may have to be treated with a suitable primer. We recommend „*Sprühkleber Fast drying*“ from Bowcraft.

Hanno®-Flashing Tape DUO Easy 240 can be installed at low temperatures down to -10°C. However, there should be no

separating film, e.g., moisture, ice or hoar frost, on the surface on which the tape is installed because it would prevent the contact of the glue with the surface. The additional adhesive strip of the Hanno® Flashing Tape DUO Easy+ 240 can be used at $\geq +5^\circ\text{C}$. Low temperatures can reduce adhesion. The dwell time in which the bond cannot be loaded is extended accordingly. Adequate adhesion should be ensured by performing your own tests before further processing. It is recommended to preheat the foil tape at low temperatures to $+15^\circ\text{C}$ to $+25^\circ\text{C}$ before processing.

Unreel Hanno®-Flashing Tape DUO Easy and cut to length allowing about 5 cm extra. Pull off the cover film and carefully install the mounting strip to the back of the window with some pressure. Repeat this procedure on all sides of the window requiring sealing, both for the indoor and the outdoor seal. Then align the window element, fasten, remove the remaining film cover, attach to the masonry and press the full surface on the masonry. No additional glue is needed for attaching the tape to the masonry base. Overlap the tape joints. The installation instructions supplied with the product should be observed.

Skips, if any, can be treated, e.g., with Hanno®-3E film adhesive MS. The hollow space between the window and the wall can be filled with insulating material, e.g., Hanno®-Pistolenschaum, from a foam dosing gun. Sufficient fabric armouring should be installed at the jamb.

Cleaning

The skin can be cleaned with soap and water. The impregnate and/or residue adhesive can be removed with a petroleum-based cleaning agent. Please observe the safety regulations.

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Technical data

Fibre/film composition	–	Combination of PET-fleece and PA film
Adhesive	–	Acrylate pressure-sensitive adhesive; 240g/m ²
Weight	EN 1849	approx. 350 g/m ²
Thickness	EN 1849	approx. 0.55 mm
Permitted total deformation	–	30%, related to the unglued tape width (it is necessary to allow for a loop / movement reserve during installation).
Elongation at break	EN 12311-2	≥ 30%
Air-tightness	EN 1026	$a_n < 0,1 \text{ m}^3 / (\text{h m dPa}^{2/3})$, MPA*
Driving rain tightness	EN 1027	≥1050 Pa, MPA*
Resistance to water passage of the foil	EN 1928 / EN 13984	W1
sd value	EN 12572	$0.48 \text{ m} \leq sd \leq 12.0 \text{ m}$ (moisture-variable), MPA*
Fire performance	EN 13501	Class E, MPA*
Emissions	EMICODE®	EC1 ^{Plus} , GEV*
Plasterability	–	Can be plastered over MPA*
UV stability	–	12 months
Temperature resistance	–	-40°C to +80°C
Processing temperature	–	+5°C to +40°C Can be used down to -10°C (see Processing)
Shelf life	–	24 months, dry at room temperature and in the original packaging

* MPA: Material Testing Agency Hanover; GEV: Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials

Environment and disposal

Residue tape can be disposed of in the household waste. The local regulations are to be adhered to.

Notes

Supplementary information is contained in the brochure "Verputzen von Fensteranschlussfolien", published by Bundesverband der Gipsindustrie e.V. – Industriegruppe Baugipse.

Safety Instructions

On the basis of existing data and experience, the product is not hazardous material in the meaning of the Hazardous Material Regulations and the corresponding EC directives. We recommend however that you take the same care and use the same hygiene as with chemical materials.

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Restriction of liability

Our General Terms and Conditions of Sales with the warranty conditions which you can refer to at **www.hanno.com**, apply. This data sheet provides non-binding information without the assurance of guarantee. The stipulated instructions for use are to be adapted to the given conditions. The user is obligated to validating the suitability and application possibility of the product by testing it himself, so as to avoid failures for which we assume no liability. The right to make technical changes is reserved.

You can request the latest version of this datasheet from **info@hanno.com**.

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