

Technical Data Sheet

Hanno[®]-DUO Easy 180 and DUO Easy+ 180 flashing tapes



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

- Moisture-dependent 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 temperature
- Can be plastered and painted over
- Stretchable

Areas of application

Hanno[®]-DUO Easy 180 flashing tape can be used for indoor and outdoor sealing.

Form of delivery

Reels of application widths from 75 to 200 mm, see price list. As standard, Flashing Tape Hanno[®]-DUO Easy 180 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, Flashing Tape Hanno[®]-DUO Easy+ 180 is equipped with an additional self-adhesive strip on the upper side.

Instructions for use

For installation, make sure that there is no separating film, e.g., moisture, grease, dirt, etc., on the surface to which the tape is applied as that would prevent contact with the

surface. Adhesion to the base must be ensured. The base must be sufficiently load-bearing. A highly absorbing base may have to be treated with a suitable primer.

Unreel Hanno[®]-DUO Easy flashing tape 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.

Hanno[®]-DUO Easy 180 flashing tape 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.

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[®]-Pistolschaum, from a foam dosing gun. Sufficient fabric armoring should be installed at the jamb.

Notes

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

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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Fibre/film composition		Combination of PET-fleece and PA film
Adhesive		Acrylate pressure-sensitive adhesive; 180g/m ²
Weight	EN 29073-1	approx. 280 g/m ²
Thickness	EN 29073-1	approx. 0.5 mm
Permitted total deformation		5%, related to the unglued tape width (it may be necessary to allow for a loop / movement reserve during installation).
Air-tightness of the system joint	EN 1026	$a_n \leq 0,1$
Air-tightness of individual seal		$a_n \leq 0,1$
Tightness of the system joint to driving rain	EN 1027	>600 Pa
Tightness of the individual seal to driving rain		>600 Pa
Water-tightness of the film	EN 1928	Passed
Resistance to water passage	EN 13984	W1
sd value	EN 1931 EN 12572	$0.48 \leq s_d \leq 12.0$ m (moisture-variable) (tests underway)
Fire performance	EN 13501	Class E (tests underway)
Emissions	EMICODE®	EC1 ^{plus}
Plasterability		Can be plastered over
UV stability		3 months
Temperature resistance		-40°C to +80°C
Processing temperature		+5°C to +40°C Make sure that there is no separating film, e.g., moisture, grease, dirt, etc., on the surface
Storage life		12 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

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

Disposal

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

Limitation 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.