

# Hanno®-Flashing Tape DUO Easy 210

## 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 renovation 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

## Applications

Hanno®-Flashing Tape DUO Easy 210 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 210 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®-Flashing Tape DUO Easy+ 210 is equipped with an additional self-adhesive strip on the upper side.

## Processing

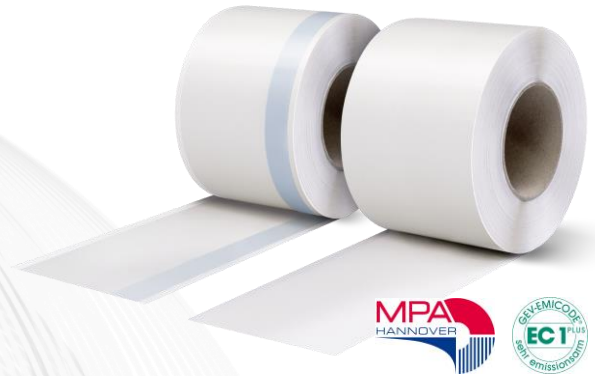
The adhesive surfaces must be free from oil, grease and dust. Low temperatures can lower the adhesion. The dwell time in which the bond cannot be loaded is extended accordingly. Adequate adhesion should be ensured through self-tests before further processing. It is recommended to preheat the foil tape at low temperatures between +15 °C to +25°C before 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 Werk GmbH & Co. KG

Hanno-Ring 3-5  
30880 Laatzen  
Germany

Tel: +49 5102 7000-0  
info@hanno.com  
www.hanno.com



Unreel Hanno®-Flashing Tape DUO Easy 210 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®-Pistolenschäum, 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.

## Environment and disposal

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



# Hanno<sup>®</sup>-Flashing Tape DUO Easy 210

## Technical data

Fibre/film composition	-	Combination of PP-fleece and PA film
Adhesive	-	Acrylate pressure-sensitive adhesive; 210 g/m <sup>2</sup>
Weight	EN 1849	approx. 300 g/m <sup>2</sup>
Thickness	EN 1849	approx. 0.45 mm
Permitted total deformation	-	30%, related to the unglued tape width (it is necessary to allow for a loop / movement reserve during installation).
Air Tightness	EN 12114	$a_n < 0,1 \text{ m}^3 / (\text{h m dPa}^{2/3})$
Driving rain tightness	EN 1027	$\geq 1050 \text{ Pa}$
Resistance to water passage of the foil	EN 1928 / EN 13984	W1
sd value	EN 12572	$0.6 \text{ m} \leq sd \leq 20.0 \text{ m}$ (moisture-variable) (MPA*)
Fire performance	EN 13501	Class E (MPA*)
Emissions	EMICODE®	EC1 <sup>Plus</sup> , 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 Make sure that there is no separating film, e.g., moisture, grease, dirt, etc., on the surface
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

\*\* Moderate Central Europe climate

## 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.

## 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.

Hanno Werk GmbH & Co. KG

Hanno-Ring 3-5

30880 Laatzen

Germany

Tel: +49 5102 7000-0

info@hanno.com

www.hanno.com



# Hanno<sup>®</sup>-Flashing Tape DUO Easy 210

You can request the latest version of this datasheet from [info@hanno.com](mailto:info@hanno.com).

Hanno Werk GmbH & Co. KG  
Hanno-Ring 3-5  
30880 Laatzen  
Germany  
Tel: +49 5102 7000-0  
[info@hanno.com](mailto:info@hanno.com)  
[www.hanno.com](http://www.hanno.com)

