

Technical Datasheet

Hanno®-DUO Easy & DUO Easy+ flashing tape



Description

Hanno®-DUO Easy flashing tape comprises of a modified polyamide with a specially strengthened fleece-foil combination: The tape is made of four laminar layers and offers a variable sd-value. The bottom side is fully self-adhered, which enables a simple concealed installation of the flashing tape, which can be plastered and paint coated without applying any additional adhesive layer on the masonry. In addition a version with an adhesive strip on the other side is available.

Properties

- Moisture adapting sd-value
- Suitable for reconstruction and new construction
- Strong adhering properties of the adhesive strip on all types of window frames and on various masonry types
- Can be applied at low temperatures
- Can be plastered and painted
- Expandable

Typical Uses

Hanno®-Flashing Tape DUO Easy is suitable for internal and external sealing applications.

Packaging

Rolls come in widths of 75 to 200mm (3" to 8") depending on the application, refer to price list.

DUO Easy: Standard with one fully self-adhered side to seal the joint between the window and the masonry. The covering paper is perforated in longitudinal direction.

DUO Easy+: In addition to DUO Easy equipped with a second adhesive strip on the upper side to enable an application on the side of window frames.

Instructions for Use

All adhering surfaces must be dry and free of oil, grease and dust.

Unroll Hanno®-DUO Easy flashing tape and cut with an excess length of about 5cm (2").

Peel off the narrow cover layer and press the mounting strip carefully on the back of the window. Repeat this procedure for all window sides to be sealed – from the inside and as well from the outside. As next step align the window, anchor it, remove the remaining cover foil from the tape and press its whole surface firmly against the masonry. There is no need to apply additional adhesive on the masonry. Adhere seams overlapping.

Hanno®-DUO Easy flashing tape can be applied at low temperatures of down to -10°C (14°F). The adhering surfaces must not have any release film e.g. caused by humidity, ice or frost, which will prevent the tape from adhering to the surface. Possible imperfections can e.g. be sealed with Hanno® 3E Foil Adhesive MS. Fill the joint between window and wall with insulating material such as Hanno®-Pistol Foam. The jamb area needs to have sufficient reinforced plastering.

Please refer to our installation guidelines!

Advice

The brochure "Verputzen von Fensteranschlussfolien" (in German) provides useful information and is published by Bundesverband der Gipsindustrie e.V. – Industriegruppe Baugipse.

Cleaning

Skin cleansing with soap and water. Any impregnate and / or adhesive residues can be removed with petroleum-based cleaning agents. Please follow the safety guidelines!

Disposal

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

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Fiber-/Foil Composition		Combination of PET-fleece and PA-foil
Adhesive		Acrylate based
Weight	EN 29073-1	ca. 400 g/m ²
Thickness	EN 29073-1	ca. 0,65 mm
Acceptable Distortion		5%, related to the not adhered tape width (a noose or movement reserve may be necessary during installation).
Airtightness	EN 1026 ASTM E283	$a_n \leq 0,1 \text{ m}^3/\text{h m dPa}$ 0,003 l/sm (100 Pa) (0,002 cfm/ft (2 psf) 0,003 l/sm (300 Pa) (0,002 cfm/ft (6 psf)
Driving Rain Tightness System Joint	EN 1027 ASTM E331/E547	>1050 Pa (22 psf) >900 Pa (19 psf)
Foil Water Penetration Resistance	EN 1928	passed
Resistance against Water Penetration	EN 13984	W1
Sd-Value Foil	EN 1931/ EN 12572 ISO 12572	$0.48 \leq s_d \leq 12.0 \text{ m}$ (moisture-variable) $1170 \leq \mu \leq 23870$
Fire Protection Classification	EN 13501	Class E - normal flammability, basic fire safety
Emissions	EMICODE® ISO 16000	EC1 ^{plus} very low Emissions – no VOCs detected
Plastering Properties		Excellent
UV-Stability		3 months
Temperature Resistance		-40°C to +80°C (-40°F to 176°F)
Installation Temperature Range		+5°C to +30°C (41°F to 86°F) Installation possible down to -10°C (14°F); Avoid any release film e.g. caused by humidity, ice or frost
Shelf Life		12 months, dry, at room temperature in original packaging

Safety

On the basis of existing data and experience, the product is not a 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-vito.com have validity. This data sheet provides non-binding information without the assumption of a 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 will find the latest version of this datasheet under www.hanno-vito.com.