

# Q Plena Basic film

greenteQ Plena Basic film with very high adhesive strength for interior and exterior sealing of window and door connection joints.

## Properties:

greenteQ Plena Basic film consists of a moisture-regulating special film with a variable Sd value. This ensures a high drying effect in the joint all year round. The self-adhesive strip allows for a very simple, fully concealed installation of the film, which can be plastered over. The fully self-adhesive mounting strip is perforated at 25 mm for the purpose of easier installation. The double-sided window frame adhesive does not fully bond until around four minutes after application. This allows the film to be corrected on the window frame.

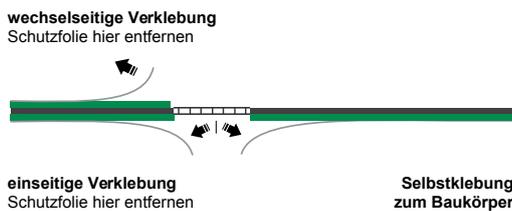
- one film for interior and exterior sealing: no risk of mix-up
- special fleece surface that can be plastered/coated over with ease
- suitable for renovation and new construction on various window frames
- installation variants: single-sided or double-sided
- complies with the EnEV requirements for building shell air-tightness
- high plaster adhesion
- no adhesive film necessary
- can generally be used without a primer even on difficult substrates. We recommend carrying out an adhesion and compatibility test on every substrate. Some substrates will need to be pre-treated with primer.

## Product image:

Roll width	Roll length	Packaging unit	VBH item number
70 mm	30.0 m	8 x 30.0 m	217 275 3012
100 mm	30.0 m	4 x 30.0 m	217 275 3002
140 mm	30.0 m	4 x 30.0 m	217 275 3004



Layout of the adhesive strips:



## Processing:

The adhesion surfaces must be solid, dry and free of oil, grease, separating agent and dust. greenteQ Plena Basic film must be bonded to the reveal such that it is not under stress. The film loops in the corners between the window frame and building structure must be sufficient. Install the greenteQ Plena Basic film with the self-adhesive strip on the window frame and press on firmly. Form a loop of approx. 2–5 cm in the corners, depending on the size of the surrounding joints, in order to achieve a corner bonding that is not under stress. Pull off the protective film on the adhesive strip to the side to remove it once you have appropriately positioned the greenteQ Plena Basic film. You can secure the film in position by lightly pressing its surface. The greenteQ Plena Basic film must be fully bonded in the area that will be plastered over.

Only the fleece-laminated side of the greenteQ Plena Basic film can be plastered over. The film bonded on the external building structure must be concealed.

greenteQ Plena Basic film is also suitable for the lower sealing layer, i.e. as the second water-carrying layer under window sills. We recommend greenteQ self-adhesive 0.8 mm EPDM film for sealing in perimeter areas (floor-to-ceiling elements where non-standing, non-pressing seepage water is expected). The film is not suitable for use in areas that are permanently damp or wet.

## Cleaning:

Clean skin with soap and water. Adhesive residue can be removed using a petrol-based cleaning agent.

## Safety instructions:

Based on existing data and experience, this product is not a hazardous substance as per the Chemicals Act or comparable EC directives.

## PRODUCT DATA SHEET

FILMS AND TAPES – Plena Basic film

The instructions for use, service and product details as well as other technical information for our greenteQ products are general guidelines. These serve only to describe the properties and performance features of our products and do not constitute a guarantee as per Section 443 of the BGB (German Civil Code). Due to the variety of possible applications, it is incumbent upon the user to test whether or not it is suitable for the desired application. Technical application advice provided by us verbally, in writing or through tests is for your information only and is absolutely non-binding.

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## Special notes:

Consult our assembly manual! Useful information can also be found in the *Plaster coating window connecting joint films* brochure from the Federal Association of the Plaster Industry – Construction Plaster Industry Group.

## Technical data:

	STANDARD	CLASSIFICATION
Material description		Film fleece-laminated on one side
Colour		White
Building material class	DIN EN 13501-1	Class E
Watertightness of joints	DIN EN 1928	≥ 600 Pa
Joint permeability coefficient	DIN EN 1026	$a_n \approx 0 \text{ m}^3/[\text{h} \cdot \text{m}^2 \cdot (\text{daPa})^{2/3}]$
Airtightness	DIN EN 12114	Class 4 fulfilled
UV stability (fleece side)		Approx. 9 months
Sd value (water vapour permeability)	ISO 12572	Sd value depending on the average humidity between 0.39 m (vapour-diffusion-permeable) and 5.5 m (moisture-proof)*
Temperature resistance	Internal	Approx. -40 to approx. +80
Processing temperature		Approx. +5 to approx. +45 (reveal adhesive can be used as from -10°C)
Storage time		12 months, dry and in original packaging
Storage temperature		+5°C to +20°C

\* The variable Sd value can be recorded only using a dynamic calculation program.  
A fixed Sd value of 2.5 m can be used for calculations according to a static method.

## Form of delivery:

In roll form. greenteQ Plena Basic film is equipped with a wide adhesive strip with a perforation at 25 mm and a double-sided adhesive strip that is 20 mm wide.

## Disposal:

Left-over tape can be disposed of with domestic waste. Observe local regulations.

## General information:

All previous versions of this data sheet are no longer valid.