

QUILOSA PROFESSIONAL WINS FIX Exterior Barrier Self-Expanding Tape

WINS Fix self-expanding tape is a ready-to-use joint sealant to be used for sealing in the jamb area, forming a vapour-permeable coating (area 1), which regulates the migration of moisture from the window gap towards the exterior of the building, preventing foam degradation. It is chemically neutral and adheres to most construction materials. Due to its flexibility, it is used to seal the joints between the frame and the reveal in the WINS Fix system in all cases of the application around the jamb. WINS Fix tape in combination with the WINS foam and WINS internal liquid foil creates a water and wind resistant window joint, preventing energy losses and the possibility of humidity and mould formation. The WINS Fix external self-expanding tape is a self-adhesive open-cell polyurethane foam-based tape for sealing between the window and the internal, plastered surface of the jamb. It is flexible and compensates for the movement of the structure. Compatible with substrates made of aluminum, PVC, wood, silicates, concrete, cellular concrete, ceramic hollow bricks, brick, plaster, etc. Does not react with PU foam and MS Polymer based sealants.



BENEFITS

- easy application
- UV resistance
- protection against mould and fungal
- water vapour diffusion
- weather conditions resistance
- air tightness

INTENDED USE

- The product is intended for sealing the joints between the frame and the reveal from the external side of the partition around the jamb (zone 1). The product is flexible and adheres very well to substrates such as: aluminum, PVC, wood, silicate blocks, cellular concrete, ceramic blocks, bricks, plaster, etc.
- External self-expanding tape is vapour-permeable, it protects the joints against moisture condensation and penetration of rainwater.
- External sealing is responsible for protecting the joint between the frame and the reveal against external factors, including weather conditions. The fundamental function of the sealing in this area is to protect the joint against rainwater and, above all, against the ingress of rainwater into the building. The rainwater that penetrates the joint should be controlled and discharged outside.
- The sealing materials used for sealing in area 1 should also allow the moisture which may have penetrated the functional insulation area to be discharged outside.

NORMS / ATESTS / CERTIFICATES

Additional information

- EMICODE - EC 1 PLUS - very low emissions
- *DIN18542:2009-BG1 certified

TABLES

TECHNICAL DATA

Colour		grey
Stress group	DIN 18542	BG1 *
Construction materials class	DIN 4102	B1, fire retardant *
Air permeability	EN 1026	$a < 1 \text{ m}^3 / (\text{h m dPa}^{2/3})$ *
Driving rain resistance	EN 1027	$\geq 600 \text{ Pa}$ *
Compatibility with neighboring construction materials	DIN 18542	Passed *
Water vapour diffusion	EN ISO 12572	$S_d < 0.5 \text{ m}$ *
Emissions	EMICODE®	EC1Plus
Temperature resistance	DIN 18542	up to +80°C *
Application range		from - 30°C to +100°C
Storage stability		18 months from the production date

CHOOSING THE ADEQUATE TAPE SIZE – DIMENSIONS

Joint depth [mm]	Nominal joint [mm]	Application range [mm] - Min.	Application range [mm] - Max.
>10	/2	1,5	2,5
>10	/3	2	4
>10	/4	3	7
>15	/6	4	9
>15	/8	5	12
>20	/10	7	15
>25	/12	8	20

METHOD OF USE

Before use, carefully read the directions on the packaging and act accordingly.

Surface preparation

- The working surface should be cleaned and degreased, if necessary - primed. When applying in window gaps, foam application is required.

Product preparation

- Tape width = depth of the gap between the jamb and the frame. Tape width = width of the gap between the jamb and the frame. Tape length = length of the gap between the jamb and the frame.
- Before starting to install the tape, always cut of the first and the last two centimeters from the roll.

Application

- In case of using the expansion tape, the sealing of the joint should be started by sticking it to the surface of the jamb. The width of the tape is selected according to the width of the joint. All damages, cavities, and unevenness of the surface of the jamb must be eliminated.
- Peel off about 20 cm of the protective strip from the tape and start applying the tape 2 mm from the edge of the jamb. During unwinding, the tape must be continuously and successively pressed down (with moderate force) to the correct surface.
- The expanding tape must not be bent or applied one layer on top of the other. Glue the tape to the window frame and then install the window frame according to the manufacturer's requirements.

Remarks / restriction

- The rate of the tape expansion depends on the age of the product, the storage conditions, and the ambient conditions in which the installation is performed.

TRANSPORT / STORAGE

Do not freeze. Do not store or transport at negative temperatures. Transport and storage from +5°C to +30°C. The product should be transported and stored in dry conditions and in original, undamaged packaging at temperatures from +5°C to +20°C. Protect against negative temperature and direct sunrays.

CATALOGUE DATA

Nominal capacity / volume / size	Colour	Number of pieces per collective package	Catalogue Number	Index	EAN Code
10 / 4-9 mm 15 m 00	grey	16	TRD-TRD-8656-QP-50-00-10 / 4-9 mm 15 m-074	10048811	8411729004231
15 / 5-12 mm 10 m 00	grey	10	TRD-TRD-8656-QP-50-00-15 / 5-12 mm 10 m-074	10048819	8411729004262
20 / 8-20 mm 5 m 00	grey	8	TRD-TRD-8656-QP-66-00-20 / 8-20 mm 5 m-074	10048815	8411729004316
30 / 5-12 mm 10 m 00	grey	5	TRD-TRD-8656-QP-50-00-30 / 5-12 mm 10 m-074	10048848	8411729004286
40 / 5-12 mm 10 m 00	grey	4	TRD-TRD-8656-QP-50-00-40 / 5-12 mm 10 m-074	10048814	8411729004293

SAFETY AND HEALTH PRECAUTIONS

Based on existing data and experience, the product is not hazardous material in the sense of the hazardous materials regulations and the corresponding EC directives. However, we recommend that you take the same care and use the same hygiene as with chemical materials.

All written or oral information, recommendations and instructions are given according to our best knowledge, tests and experience, in good faith and in compliance with manufacturer's principles. Each user of this material will make sure in every possible way, including verification of the final product in proper conditions, about suitability of the supplied materials for their intended purposes. The manufacturer is not liable for any losses incurred due to inaccurate or erroneous application of the manufacturer's materials.