

Q WindowFoam 1K Class E 500 ml

The window foam for sound and thermal insulation during window installation.

Product description:

The greenteQ WindowFoam 1K is a ready-to-use, moisture-hardening, single-component, self-expanding polyurethane foam with fantastic stability of form. The greenteQ Window Foam 1K is suitable for filling, damming, gluing, sealing, and insulating, and adheres brilliantly to almost all construction sub-surfaces. The foam's excellent damming and insulation properties ensure higher sound and thermal insulation than can be achieved using mineral wool, cork, and fibreglass.

Areas of application:

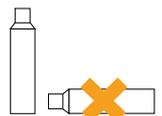
- Sound and thermal insulation in the middle damming level when installing windows
- Filling joints, cavities, pipe and wall ducts
- Insulation and damming of roof constructions

Product illustration and technical drawing:



Technical information:

| | | |
|---|---------------|--|
| Building material class | EN 13501-1 | Class E |
| Yield: | FEICA TM 1003 | 23 l |
| Cuttable: | FEICA TM 1005 | after approx. 35 minutes (30 mm-strand at +20°C) |
| Fully loadable: | | after approx. 12 hours (30 mm-strand at +20°C) |
| Processing temperature: (atmospheric and sub-surface) | | -5°C to +35°C / optimally 20°C |
| Capacity shrinkage: | FEICA TM 1004 | <5% |
| Dosage temperature: | | min. +5°C to +25°C |
| Cellular character: | | regular/fine |
| Hardness: | | semi-hard |
| Thickness: | FEICA TM 1019 | 29.5 kg/m ³ |
| Temperature resistance: | | from -40°C to +90°C |
| Valve: | | standard rubber valve |
| Delivery form: | | tinplate tin with 500 ml, carton with 12 tins. |
| Colour: | | yellow/champagne-coloured |
| Proven thermal conductivity: | DIN 52612 | max. W (m.K) 0.039 |
| Proven sound reduction: | EN ISO 717-1 | 58 dB |



PRODUCT DATA SHEET

CHEMISTRY - WindowFoam 1K Class E 500 ml

The usage instructions, performance and product information, as well as other technical information, are general guidelines in relation to our greenteQ products. These only serve to describe the performance properties and quality of our products, and do not represent a guarantee as per § 443 BGB (German Civil Code). Due to the many usage possibilities, it is up to the user to check if it is suitable for his intended purpose. Our technical usage advice provided verbally, in writing, and via trials is only for your information and is not in any way binding.

greenteQ

Date 08/2018 | www.greenteQ.info

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Work preparation:

Please take note of standard industrial hygiene. Please refer to the safety data sheet for further information. Ensure sufficient ventilation. A pre-coating is to be applied in the case of plaster and aerated concrete. It is advisable to first carry out a liability and compatibility test on every sub-surface. Before starting work protect surfaces neighbouring the work area from contamination. The sub-surfaces must be secure, clean, free from dirt and grease, free from loose parts, and dampened with water just before treatment. If necessary, make

more stable with suitable depth primers. Prepare the ductile components for mounting. Have the greenteQ Pistol Cleaner ready for any necessary cleaning and removal of fresh foam.

Take note of the dosing pistol's operating manual. Put the tin down and screw the dosing pistol onto the tin's threaded ring with the thread adapter. In doing so, do not tilt or over-twist the tin.

Processing:

Take note of the information on the tin and the dosage pistol. Screw the tin firmly onto the pistol and shake strongly below approx. 30 x so that the contents of the tin are well mixed and the foam quality is optimised. Use an pistol's adjusting screw to adjust the foam thread and then evenly spray out the foam using the trigger. Adhesive surfaces must be dampened immediately before applying foam.

Fill the cavity approx. 2/3 with foam, as the fresh foam will still expand a little more. Fill larger cavities with several layers of max. 40 mm thickness. For

larger joints and cavities it is recommended that you dampen these following each layer of foam. Wait approx. 5 minutes before applying the next layer.

Immediately unscrew the emptied tins from the pistol, clean the adapter cage, and replace with a new tin.

Immediately remove fresh foam spatters with the greenteQ Pistol Cleaner; this can only be carried out within the non-adhesive period. Hardened foam must be removed mechanically.

Storage:

12 month from the production date in unopened packaging in cool (+5°C to +25°C) and dry storage. The foam tins must be stored standing up in

order to prevent the spray valve clogging up. Firmly close opened tins and use within a short period.

Important information:

The tin temperature must not be below +5°C (optimally: +20°C). Carefully warm up tins which are too cold in a lukewarm water bath. Never heat above +50°C, as otherwise there is a risk of bursting.

Tins which are too warm, for example, due to storage in a vehicle in summer, must be correspondingly cooled in a cold water bath.

Safety information:

Safety data sheet available upon request.

General information:

The information above, particularly suggestions for the processing and use of our products, are based on our knowledge and experiences. Due to the different materials and working conditions outside of our control, we recommend sufficient independent trials in every case in order to ensure the suitability of our products for the intended procedures and use. We cannot be held liable due to this information nor on the basis of oral advice, unless we are

culpable of intent or gross negligence.

All previous versions lose their validity upon the release of this technical information leaflet.

Article variants:

| Designation | Language group | Export article | Packaging unit | VBH article number |
|---|----------------|----------------|----------------|--------------------|
| greenteQ WindowFoam 1K 500 ml | DE/EN/DK | | 12 tins | 217 274 6397 |
| greenteQ WindowFoam 1K 500 ml without recycled products | DE/FR/NL/IT | yes | 12 tins | 217 274 6399 |
| greenteQ WindowFoam 1K 500 ml without recycled products | DE/EN/ES/PT | yes | 12 tins | 217 274 6679 |
| greenteQ WindowFoam 1K 500 ml without recycled products | DE/PL/RU/CZ | yes | 12 tins | 217 274 6681 |