

greenteQ Vario Foam 1K Class E

greenteQ Vario Foam 1K for the long-term insulation of windows and doors.

Product description:

The greenteQ Vario Foam 1K is a ready-to-use, moisture-hardening, single-component, self-expanding and highly elastic polyurethane foam with fantastic stability of form and resetting capability. The greenteQ Vario Foam 1K is suitable for filling, damming, gluing, sealing, and insulating, and adheres brilliantly to almost all construction sub-soils. The foam's excellent damming and insulation properties ensure higher sound and thermal insulation than can be achieved using mineral wool, cork, and fibreglass. Very fine cell structure, high discharge speed and high residual discharge help achieve the best work results.

Areas of application:

- Filling joints, cavities, pipe and wall ducts
- Insulation and damming of roof constructions
- Sound and thermal insulation in the middle damming level as per the state of the art

Product illustration and technical drawing:



Technical information:

Contents:		500 ml	750 ml
Building material class:	EN 13501-1	Class E	Class E
Yield* (free-foam):	FEICA TM 1003	approx. 18 litres	approx. 30 litres
Cuttable*:	FEICA TM 1005	after approx. 40 minutes	after approx. 40 minutes
Glue-free*:	FEICA TM 1014	after approx. 7 minutes	after approx. 7 minutes
Fully loadable*:		approx. 12 hours (30 mm-strand at +20°C)	approx. 12 hours (30 mm-strand at +20°C)
Processing temperature (atmospheric and sub-soil)		-5°C to +35°C / optimally 20°C	-5°C to +35°C / optimally 20°C
Dosage temperature:		min. +5°C to +25°C	min. +5°C to +25°C
Capacity shrinkage:	FEICA TM 1004	<5%	<5%
Pressure strength:	FEICA TM 1011	Approx. 15 kPa	Approx. 15 kPa
Thickness:	FEICA TM 1019	approx. 20 kg/m ³	approx. 20 kg/m ³
Cellular character:		Regular/fine	Regular/fine
Proven thermal conductivity:	DIN 52612	<39 mW/m.K	<39 mW/m.K
Proven sound reduction:	EN ISO 717-1	>58 dB	>58 dB
Temperature resistance.		from -40°C to +90°C	from -40°C to +90°C
Colour:		Champagne/yellowish	Champagne/yellowish
Valve:		Standard rubber valve	Standard rubber valve
Delivery form:		Tinplate can with 500 ml contents. Carton with 12 tins, pallet with 624 tins	Tinplate can with 750 ml contents. Carton with 12 tins, pallet with 624 tins

*Information based on the respective temperature and air humidity.

PRODUCT DATA SHEET

greenteQ

CHEMISTRY - Vario Foam 1K Class E

Date 10/2018 | www.greenteQ.info

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.

Q Vario Foam 1K Class E

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Product description:

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-soil. Before starting work protect surfaces neighbouring the work area from contamination.

The sub-soils must be clean, firm, and free from dust and grease. Prepare the ductile components for mounting and install them sufficiently securely.

Processing:

Take note of the information on the tin and the dosage pistol. Adhesive surfaces must be dampened immediately before applying foam. 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.

Fill the cavity approx. 2/3 with foam, as the foam will continue to expand. Fill larger cavities with several layers of max. 40 mm thickness. When doing so, dampen in between, and 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 can only be mechanically removed, never burn it off.

Storage:

12 month from the production date in unopened packaging in cool (+5°C - +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	VE	VBH article number
greenteQ Vario Foam 1K 500 ml with recycled products	DE/EN/DK		12 tins	217.274 / 6403
greenteQ Vario Foam 1K 500 ml without recycled products	DE/FR/NL/IT	yes	12 tins	217.274 / 6405
greenteQ Vario Foam 1K 500 ml without recycled products	DE/EN/ES/PT	yes	12 tins	217.274 / 6685
greenteQ Vario Foam 1K 500 ml without recycled products	DE/PL/RU/CZ	yes	12 tins	217.274 / 6687
greenteQ Vario Foam 1K 750 ml with recycled products	DE/EN/DK		12 tins	217.274 / 6404
greenteQ Vario Foam 1K 750 ml without recycled products	DE/FR/NL/IT	yes	12 tins	217.274 / 6406
greenteQ Vario Foam 1K 750 ml without recycled products	DE/EN/ES/PT	yes	12 tins	217.274 / 6686
greenteQ Vario Foam 1K 750 ml without recycled products	DE/PL/RU/CZ	yes	12 tins	217.274 / 6688

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