

Q All-Season Pistol Foam 1K Class E

greenteQ All-Season Pistol Foam for all-year-round use.

Product description:

The greenteQ All-Season Pistol Foam 1K is a single-component polyurethane foam workable down to a sub-soil and atmospheric temperature of -10°C. The dosage temperature during processing must at least be above +5°C.

The greenteQ All-Season Pistol Foam 1K is a ready-to-use, moisture-hardening, single-component, self-expanding polyurethane foam with fantastic stability of form. The greenteQ All-Season Pistol 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. Extremely 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. 31 litres	approx. 50 litres
Cuttable*:	FEICA TM 1005	after approx. 30 +/- 5 minutes	after approx. 30 +/- 5 minutes
Glue-free*:	FEICA TM 1014	after approx. 8 minutes	after approx. 8 minutes
Fully loadable*:		after approx. 12 hours (30 mm-strand at +20°C)	after approx. 12 hours (30 mm-strand at +20°C)
Processing temperature (atmospheric and sub-soil)		-10°C to +30°C / optimally 20°C	-10°C to +30°C / optimally 20°C
Dosage temperature:		min. +5°C to +30°C	min. +5°C to +30°C
Capacity shrinkage:	FEICA TM 1004	<5%	<5%
Pressure strength:	FEICA TM 1011	Approx. 37 kPa	Approx. 37 kPa
Thickness:	FEICA TM 1019	17.9 kg/m ³	17.9 kg/m ³
Cellular character:		Regular/fine	Regular/fine
Temperature resistance:		-40°C to +90°C	-40°C to +90°C
Proven thermal conductivity:	DIN 52612	<39 mW/m.K	<39 mW/m.K
Proven sound reduction:	EN ISO 717-1	>58 dB	>58 dB
Colour:		Champagne/yellowish	Champagne/yellowish
Valve:		Standard rubber valve	Standard rubber valve
Delivery form:		Tinplate can with 500 ml contents. Carton with 12 tins, 624 tins per pallet	Tinplate can with 750 ml contents. Carton with 12 tins, 624 tins per pallet

*Information based on the respective temperature and air humidity.

PRODUCT DATA SHEET

greenteQ

CHEMISTRY - All-Season Pistol 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.

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Work preparation:

Protect decorative sub-soils from contamination via covering film. In the case of dampness, snow, and ice, intense wind and frost, detrimental effects are to be expected for the adhesiveness. As a result, additional measures may be required. While work may be carried out on slightly damp sub-soils, standing water or ice must be removed from the adhesive surfaces. Ductile components must be mounted sufficiently firmly. At temperatures below -0°C there may be a reduction in the yield and primeness, and a delay in hardening. For good processability a dosage temperature of approx. +5°C is recommended.

Processing:

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 with the greenteQ Pistol Cleaner, and replace with a new tin. Immediately remove fresh foam spatters with the greenteQ Pistol Cleaner. Hardened foam can only be mechanically removed, never burn it off.

Storage:

12 month from the production date in unopened packaging at +15°C - +20°C and dry storage. The foam tins must be stored standing up in order to prevent the spray valve clogging up. Firmly close the opening thread and use within a short period. When transporting store the tin in a cloth in the trunk, never in the back.

Safety information:

Only work with in spaces with good natural ventilation, otherwise there is a risk

of explosion. Do not smoke. Protect your eyes, wear gloves and work clothes. Not UV-resistant. Not damaging to health once the foam has hardened. 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 All-Season Pistol Foam 1K 500 ml with recycled products	DE/EN/DK		12 tins	217.274 / 6389
greenteQ All-Season Pistol Foam 1K 500 ml without recycled products	DE/FR/NL/IT	yes	12 tins	217.274 / 6391
greenteQ All-Season Pistol Foam 1K 500 ml without recycled products	DE/EN/ES/PT	yes	12 tins	217.274 / 6671
greenteQ All-Season Pistol Foam 1K 500 ml without recycled products	DE/PL/RU/CZ	yes	12 tins	217.274 / 6673
greenteQ All-Season Pistol Foam 1K 750 ml with recycled products	DE/EN/DK		12 tins	217.274 / 6390
greenteQ All-Season Pistol Foam 1K 750 ml without recycled products	DE/FR/NL/IT	yes	12 tins	217.274 / 6392
greenteQ All-Season Pistol Foam 1K 750 ml without recycled products	DE/EN/ES/PT	yes	12 tins	217.274 / 6672
greenteQ All-Season Pistol Foam 1K 750 ml without recycled products	DE/PL/RU/CZ	yes	12 tins	217.274 / 6674

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