

GEAQUELLO® E 1000

Sealing compound

Description

GEAQUELLO® E 1000 is a sealing compound for efficient and safe cable penetrations in decks and bulkheads – with a fire resistance class of A-60 in accordance with IMO resolution MSC 307(88)
The sealing length is 130 mm.

Areas of application

- Ships & offshore
- Sealing compound for the penetration system GEAQUELLO® CPS
- Indoor and outdoor application



Delivery and Packaging

GEAQUELLO® E 1000		
Packaging	pail	pail
Size	3 kg	15 kg
Article number		
	4145487-1	4145527-1

Please contact us for further information:

+49 4105-40 90-14

transportation@svt.de



GEAQUELLO® E 1000

Technical Data

Colour	pastel blue
Thermal conductivity	0,18 W/(m·K) / +67 °C 0.2955 W/(m·K) / +10 °C
Specific thermal capacity (kJ/(kg·K))	0.63 / RT
pH value (in liquid state)	7.0–8.0
Mixing ratio (water:powder)	Weight: 1:2 Volumetric parts: 1:2
Application time (at +20 °C)	approx. 45 minutes pumpable
Processing temperature	≥ 3 °C
Max. temperature during chemical setting reaction	approx. +35 °C
Thermal resistance R	0.0810 m²·K/W
Chemical curing	approx. 72 hours
Setting expansion	≥ 0.5 % – ≤ 1 %
Relative density of the hardened compound	approx. 0.94 kg/dm³
Shore hardness A	> 80
Gastightness	30 mbar in accordance with IMO definition
Processing (min. +5 °C / < 85 % relative humidity)	<ul style="list-style-type: none"> • Mix the GEAQUELLO® E 1000 powder into clean water. • The sealing compound must be free of lumps and bubbles. • Let the mixed sealing compound rest for approx. 5 minutes. • Mix again shortly before filling the opening, ensuring the compound is free of bubbles. • Use a pump or a hopper for filling.
Product properties	<ul style="list-style-type: none"> • reacts neutrally • physiologically safe • not subject to hazard identification requirements • current rating of the sealed cables is not reduced • limits dripping of burning cable fragments
Storage and transport	Storage life of at least 36 months in sealed original packaging. Store in a cool and dry place.
Delivery form	PE pail (3 kg, 15 kg)
Safety instructions	Consult the safety data sheet for additional instructions.
Certification	Certified by various class societies.

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Technical product data sheet Rev: 1.0