

Powerful Connections.



Insulation materials

GUROSIL

GUROSIL gel, GUROSIL set

Description

GUROSIL Gel is designed to protect electrical connections from the ingress of water used in rooms with high humidity effects as well as in outdoor applications.

GUROSIL Gel is a soft-elastic hardening, amber cold casting compound that is based on hydrocarbon resins. Quick and clean casting is simple with the help of customary caulking guns, so no special tools are required.

It is easy to remove, repairable and self-resealing. Electrical connections can be tested and repaired quickly where required, even after installation had been finished.

Features and benefits

- IP68 proven casting system
- provides reliable protection against humidity, mechanical shock and vibration
- quick, easy and clean to install using customary caulking guns
- very good electrical insulation
- soft-elastic, transparent, self-repairing and self-resealing
- easy to remove (GUROSIL Gel)
- halogen-, silicon- and isocyanate-free
- environment-friendly and not subject to labelling requirements

Included in delivery

- Junction box T40 including terminal strip VBX KL25
- GUROSIL Gel cartridge and disposable mixer

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Technical Data

Application	Rooms with high humidity effect or outdoor use
Protection class	IP68, tested up to 18 m waterdepth for over 1 000 h
Nominal voltage	400 V
Dielectric strength	> 20 kV/mm
Operating temperature	(-40 to 90)°C
Cable diameter	6 × 1 mm ² , 5 × 1,5 mm ² or 4 × 2,5 mm ² per connection
Cable entry	7 × M25 including plug-in seals for cable diameter (4 to 20)mm
Terminal system	Terminal block 4 mm ² , 5-poles, pluggable
Enclosure material	Shock-resistant and flame retardant plastic material
Enclosure colour	Light grey (RAL 7035)
Dimensions (l x w x h)	90 × 90 × 52 mm

Ordering information

Title	Description	Unit
GUROSIL set	Junction box, terminal strip and GUROSIL Gel cartridge including mixer	1
GUROSIL gel	GUROSIL Gel cartridge including mixer, 250 ml	1



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