

INSUFILL 1109

POLYURETHANE FILLING COMPOUND



DESCRIPTION

INSUFILL 1109 is a two component polyurethane resin based filling and insulating compound formulated to give after mixing a flexible rubber like insulating protection

BASIC USES

This product is suitable to be used as a filling compound inside cable joint boxes, end connection insulation, and to preform or cast insulators and transformer and other electrical applications.

TECHNICAL INFORMATION

Consistency	Pourable grade
Mixing ratio	100 parts A to 12.3 parts B Viscosity of
Mixture @25 ^o C	7000 ± 1000cps
Mixture @40 ^o C	6350 ± 500cps
Density @25 ^o C	1.7 ± 0.02
Density @40 ^o C	1.58 g/mL ± 0.02
Application life	60 minutes @26°C
Application life	52 minutes @40°C
Shore A hardness	Plus
Stripping time	24 hours

DIRECTION FOR USE

Surface Preparation

The cable joint box should be free from all loose particles and dust. All holes and corners should be sealed using silicone sealant. Make sure that all parts are in place and connections are fine before you will in the Joint box cavity with **INSUFILL 1109**, because it will not be possible to open the box and reach your connections easily once the material is poured and cured

APPLICATION

Stir component "A" first, then component "B" shall be transferred into component A totally and mix using slow speed drill and jiffy mixer. The mixing procedure shall not take less than 5 minutes until homogenous mix is obtained. Partial mixing of **INSUFILL 1109** is strictly prohibited because of its sensitivity. Properly mixed material shall be poured into the Cable Joint Box. Make sure to mix as much quantity as you may need for the joint box. any mixed material should be used within one hour of mixing. Care should be taken to avoid entrapped air in the joint box and in the mixed material and it should be allowed to cure for 24 hours.

CLEAN-UP

Because of the difficulty in cleaning up or removing cured **INSUFILL 1109**, equipment and tools should be cleaned with xylene immediately after use

PRECAUTION /LIMITATIONS

- Store in room temperature environment 24 hours prior to use. Do not heat with open flame.
- Polyurethane components may cause irritation. Avoid contact with eye and skin.
- Do not apply over free standing water
- Always wear protective clothing, rubber gloves and eye protection when using product.

SHLEF LIFE

1 year from the date of manufacturing

STORAGE

Store at 25°C at room temperature.

PACKAGING

INSUFILL 1109 is packed in 16 Kg kit.

COLOR

Contact CMCI Technical Dept.

Quality Statement

CMCI manufactures its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products CMCI also offers full technical field support to consultants, Architects, contractors, applicators and End Users.

The Technical Specification information and recommendations given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no warranty and or responsibility is assumed on the performance of work completion executed with use of our products.

"High Quality Construction Chemicals"
CONSTRUCTION MATERIAL CHEMICAL INDUSTRIES
P.O. Box 7137, Dammam 31462, Saudi Arabia,
Tel: 00966-13-8471450; Fax: 00966-13-8471575
Email: tech@cmci-sa.com, Web: www.cmci-sa.com