

Magic Fluid

Insulating and sealing liquid in bags

Gel: UL 94-HB

Dielectric strength:

>23 kV/mm

Cross linking time:

fast (about 10 min. at 23°C)

Volume resistivity:

>2 · 10¹⁵ Ω cm

Operating temperature:

-60°C / +200°C

Overload temperature

for short periods:

up to 250°C

Stabilised for:

mould - UV

Degree of protection:

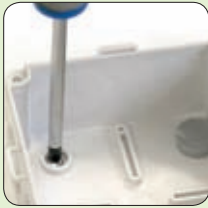
IP68 (in proper casings)

Magic Fluid insulating and sealing gel, when cast in suitable casings, ensures an IP 68 degree of protection and is able to replace all types of resins. This is a self-sealing polymer insulation in a bicomponent bag with cold cross linking, with no shelf life. When the separator is removed, the two components mix to trigger the cross linking. Once poured, the insulation, characterised by very low viscosity, surrounds and envelopes any type of material, cross linking in less than 10 minutes. Completely non-toxic, cross linking with a very low isothermal peak that does not thermally stress the materials it comes into contact with. Re-enterable even after long periods of operation.

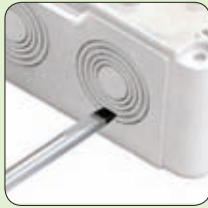
- For high temperature applications!
- Quick cross linking (only 10 minutes)
- Re-enterable also after long working periods
- Non-toxic and safe with no shelf life
- Low viscosity



General kit box installation sequence



Fix the box and cover the screws with the caps.



Knock out the pre prepared holes.



Install the cable glands.



Insert the cables and connect the wires.

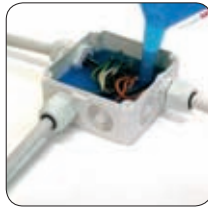
Horizontal installation sequence



Remove the separator from the Magic Fluid bag.



Mix the 2 components (30 secs. max.).



Pour the Magic Fluid into the box (within 1 min. max.).



Close the box with the cover. Installation complete.

Vertical installation sequence



Knock out the pre prepared holes in the upper side.



Close the box with the cover.



Pour the Magic Fluid into the box (within 1 min. max.).



Close the hole used for pouring with the supplied cap. Installation complete. Wait for complete cross-linking before reopening the box.

Magic Fluid

Product	Colour	Package type	Total quantity
Magic Fluid 90	●	Bicomponent single dose bags	90 gr
Magic Fluid 110	●	Bicomponent single dose bags	110 gr
Magic Fluid 170	●	Bicomponent single dose bags	170 gr
Magic Fluid 210	●	Bicomponent single dose bags	210 gr
Magic Fluid 420	●	Bicomponent single dose bags	420 gr
Magic Fluid 550	●	Bicomponent single dose bags	550 gr



Ray
tech