

PLAKA – PIPE PLUG

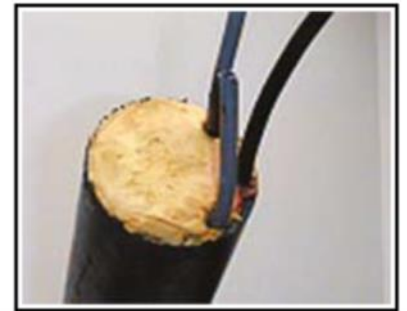
Sealing kit for pipes and wiring

REF 05.05.05 - Version V01 - 14/08/2020



Prescriptions of the producer

Description



Unique kit composed of a 1-component polyurethane resin with accelerator, protective gloves and a bag of polyester fibres to stop water leaks through pipes, wire conduits, cable transits, etc...

In its uncured state the 1-component resin grout is a dark brown, non-flammable liquid. When the product is mixed, and after being soaked into water, it expands and cures into a rigid closed-cell polyurethane foam.

Application fields

PIPE PLUG is designed to cut off water leaks through pipes, wire conduits, cable transits, etc...

Properties

Technical data		
Property	Value	Norm
Swelling capacity after activation :	Up to 5 times of the original volume	Test DNC
Appearance :	White polyester fibres. Dark brown polyurethane resin. Black transparent accelerator.	
Storage :	Is sensitive to moisture and should be stored in original packaging in a dry area.	
Storage temperature :	Between 5°C and 30°C.	
Shelf life :	1 year.	

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Instructions for use


Prepare the void or cavity to be filled by removing all dust and loose particles with compressed air or water. If possible, insert a stopper at the rear end of the pipe to contain the expansion of the plug and to densify the foam.

Spread the cables evenly to assure all-round penetration of the expanding plug.

Application procedure :

- Remove the large metal can from the box.
- Put on the gloves.
- Pour the content of the small plastic accelerator bottle into the large metal resin can.
- Shake thoroughly.
- Pour the mixed resin over the polyester fibres when they are still in the bag and soak the fibres by kneading well.
- When a homogenous colour is obtained, the mixture is sufficiently kneaded.
- Take the mixed fibre wad out of the bag and activate the plug by immersing in water. The plug has to be soaked well to get a good activation.
- Insert the plug as far as possible into the opening, immediately after soaking.
- Exert pressure for a sufficiently long time to obtain a dense and closed cell foam.

Dimensions

Dimensions		
Article	Scheme	Packaging
PIPE PLUG		<p>1 Cardboard box with dimension 35 x 25 x 24 cm contains 5 kits.</p> <p>1 kit consists of:</p> <ul style="list-style-type: none"> • Component A : large metal can : content 450 g resin. • Component B : small plastic bottle : content 21 g catalyst. • 28 g polyester fibre wad. • 1 pair of gloves. <p>1 pallet = 40 boxes.</p>

Consumption :

1 set expands 5 times in volume (60 to 90 seconds at 21°C).

A complete kit of PIPE PLUG is sufficient to block a tube with a diameter of 10 cm over a length of 70 cm. For larger pipe sizes, several kits may have to be used.

Safety :

Always wear the enclosed protective gloves and sufficient protective clothing such as safety goggles and overalls.

Please consult the Material Safety Data Sheet.

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