

# REFRACTORY DOPE REI 180



Resistant up to 1600 °C

## DESCRIPTION:

Single-compound dope containing non-pyrogenic charges, which hardens thanks to its water vaporization. Specifically for use where there is the presence of open flame, such as stoves, fireplaces, barbecue, industrial ovens, dryers, chimneys, refractory bricks, walls and movement joints. Easily spreadable on glass joints, aluminium, concrete, brick, iron, steel, which subjected to high temperatures (up to +1600 °C), according to standard REI 180 (number of certificate CSI 0803RF), in addition to resist the fire, the it makes it watertight to both fumes and to gases.

The refractory dope contains neither asbestos nor halogens and does not undergo any physical change or loss of weight after a prolonged exposition to high temperature.

## APPLICATIONS:

It can be applied on bricks, concrete and metals to seal joints, cracks and fissures in boilers, chimneys, furnaces or to repair mufflers.

## INSTRUCTIONS FOR USE:

Open the cartridge pointing the threaded spout down away from you face the apply the tip. The joints must be previously cleaned, degreased and dust-free. Before applying the product it is recommended to moisten the parts to be treated. Bringing in the product in depth (possible insulating gasket does not change the physical properties of REFRACTORY DOPE) and immediately after application, smooth the product with a spatula or a wet cloth and remove the product in excess with water before. Should leave it for 24 hours, then heat slowly until hardening. During this operation, you can highlight the small cracks caused by physical withdrawal of the product that should be permanently eliminated by a further application of the product over that cured without causing any collateral risk.

## CHARACTERISTICS:

Color	black
Composition	sodium silicate mixed with inert minerals
Specific weight	1,8 ± 0,1 g/cm <sup>3</sup>
Consistency	thixotropic
Penetration (ASTM 217-52T)	30 ÷ 33 mm
Working time	10 minutes
Hardening speed	1 ÷ 2 days
Withdrawal	35 %
Application temperature	+5 °C ÷ +35 °C
Working temperature	-20 °C ÷ +1600 °C
Flash point	non flammable or combustible
Shelf Life	12 months

## STORAGE:

The product keeps stable for 12 months when stored at +10 ÷ +25 °C. Do not store the product to freezing or near heat sources.



**WARNINGS:**

Not suitable for expansion joints and applications in humid and exposed to the element. Irritating to the skin and eyes, it is recommended to use gloves and goggles. After use clean well with water, the putty after curing is not easily removable. Any slight leakage of fluid, the opening of the cartridge or to emptying, does not compromise the functionality and conformity of the product.

**PACKAGING:**

310 ml cartridges, boxes of 24 pieces, item code MAREF0310



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