TAPA-VIAS

Instant-setting mortar for plugging water leaks in tanks, pipes and similar elements.

Grey

MAIN FEATURES

-Fiber-reinforced, total anti-sagging mortar with controlled shrinkage and ultra-fast setting.
-Physical-mechanical characteristics very similar to the concrete: elasticity, permeability.
-High adhesion to most building materials: concrete, stone, brick.
-Very high flexural and compressive strengths.
-Very high wear resistance.
-Being alkaline in nature, it protects armour.

FIELDS OF APPLICATION

-Plug water leaks due to breakage of pipes, tanks, swimming pools and in general of any concrete structural element.
-Ideal in tunnels, galleries, shafts, canals...
-It is also widely used for ultra-fast anchoring of door counter-frames, window frames, bolt anchors.
-Ideal for ultra-fast anchoring of railings, traffic posts, bolts, light boxes, and passage of corrugated light tubes.
-Repairs even in counter-gravity.

HOW TO USE

SUPPORT PREPARATION

-On concrete surfaces, it is necessary to first remove any remains of deteriorated, unconnected, unsound or disintegrable concrete.
-In anchoring elements: in this case, remove all traces of dust, paint, wax, release agents, ... and conveniently open the hole to allow the **TAPA-VIAS** to penetrate deeply.
-Very absorbent substrates or exposed to the sun in hot weather, should be dampened previously to avoid the rapid loss of water from the anchoring mortar.

PREPARATION OF THE MIXTURE

-Mix exactly 2.0 litres of water with 10 kg of **TAPA-VIAS** by hand.
-Let it rest for approx. 2 minutes. IMMEDIATELY take a small amount of **TAPA-VIAS** by hand and shape it into a rounded, pointed shape.

APPLICATION OF THE MIXTURE

-IMMEDIATELY introduce the product into the crack in the concrete through which water is leaking and press very hard for 40 seconds until water stops leaking out. Remove the excess; clean and restore the hole.
-In applications with strong sunlight, dampen the substrate previously, and once the repair has been carried out, protect the surface by creating an artificial shade or/and dampening the surface periodically.

TECHNICAL DATA

Type of mortar	for very fast repair
Granulometry	from 0 to 5 mm
Toxicity	irritates the skin and eyes
Density in powder	1.42 g/cm^3
Mixing water	2.0 L / 10 kg can
Density of the mixture	1.5 g/cm^3
Temperature of application	from +5ºC to +35ºC
Pot life	60 - 90 seconds
Chloride ion content	< 0.05%
Can be walked on after	2 minutes
Thickness of layer	> 5 mm
Consumption	1.5 kg / 1000 cm^3
Estimated expiration	18 months
Presentation	10 kg