

## Repar Plug

Super-adhesive rendering for cement or minimally absorbing supports



A single-component, super-adhesive cementitious mortar for rough coating, with a base of high-strength binders, selected aggregates, adhesion-promoting polymers and specific agents. Ideal for the preliminary "rough coat" treatment of concrete surfaces, mixed masonry, rock walls and other poorly-absorbent surfaces, for subsequent coating with traditional (Intosana), dehumidifying (Sanatigh) and/or thermal-insulating (Sanawarme or Caleosana) plasters.

**CUSTOMS CODE:** 3824 5090

**COMPONENTS:** Single-component

**APPEARANCE:** Powder

**AVAILABLE COLORS:** Gray

**PACKAGING AND DIMENSIONS:** Bag 25 kg

### FIELDS OF APPLICATION

Gripping rendering for subsequent plasters, both based on cement and hydraulic lime; protective coatings, renovation of works and structures in reinforced concrete.

### ALLOWED SUPPORTS

Plasters - Concrete - Cement-based or lime-based mortars - Prefabricated concrete - Fiber-cement - Bricks - Mixed walls (bricks and stones) - Stone walls - Rock walls

### PREPARATION OF SUPPORTS

Application surfaces should be clean, free of soiling, crumbling and non-adhering parts, dust, etc., conveniently saturated with water until they reach the condition "saturated with dry surface".

### MODE OF USE

Pour about 2/3 of the mixing water into the mixer, add Repar Plug and the remaining water; continue to mix until a homogeneous lump-free mixture is obtained. The mixing water should be about 16-18% of the weight of the bag. After mixing is completed wait a few minutes before applying the product by "spraying" ("scratch coat" ), by brick trowel and plastering trowel or plastering machine. The scratch coat, applied by "spraying", must provide a corrugated surface to promote the grip of the plaster that must be applied promptly: within 2-3 days. In the case of successive dehumidifying (Sanatigh) or insulating (Sanawarme or Caleosana) plasters, hold the sprayed surface, "open" (non-homogeneous over the entire surface).

### APPLICATION METHODS



Finishing trowel - Plastering machine



## TOOL CLEANING

Water

## KEY FEATURES

-  Dosage: 4-6 kg/m<sup>2</sup>
-  Maximum diameter of aggregate: 0.7 mm
-  Nonflammable
-  Shelf-life: 12 months
-  Max. recommended thickness: 30 mm
-  Min. recommended thickness: 5 mm
-  Pot-life: 60 min
-  Temperature of use: +5 / +35 °C

## TECHNICAL SPECIFICATIONS

*UNI EN 1015-11*

Compressive strength > **40 N/mm<sup>2</sup>**

*EN 13142*

Static elastic modulus **17000 N/mm<sup>2</sup>**

*UNI EN 1015-12*

Adhesion to substrate > **2.5 N/mm<sup>2</sup>**

*UNI EN 1015-11*

Flexural strength > **8 N/mm<sup>2</sup>**

pH > **12**

## STORAGE AND CONSERVATION

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Inadequate storage of the product may result in a loss of rheological performance. Protect from humidity.

## PHOTO GALLERY



## ADDITIONAL CONTENT



## WARNINGS AND PRECAUTIONS

Do not apply in case of direct exposure to sunlight; cure the protection and the prolonged moist hardening of exposed surfaces. The general information, along with any instructions and recommendations for use of this product, including in this data sheet and eventually provided verbally or in writing, correspond to the present state of our scientific and practical knowledge.

Any technical and performance data reported is the result of laboratory tests conducted in a controlled environment and thus may be subject to modification in relation to the actual conditions of implementation.

Azichem Srl does not assume any liability arising from inadequate characteristics related to improper use of the product or connected to defects arising from factors or elements unrelated to the quality of the product, including improper storage.

Those wishing to utilise the product are required to determine prior to use whether or not the same is suitable for the intended use, assuming all consequent responsibility.

The technical and characteristic details contained in this data sheet shall be updated periodically. For consultation in real time, please visit the website: [www.azichem.com](http://www.azichem.com). The date of revision is indicated in the space to the side. The current edition cancels out and replaces any previous version.

Please note that the user is required to read the latest Safety Data Sheet for this product, containing chemical-physical and toxicological data, risk phrases and other information regarding the safe transport, use and disposal of the product and its packaging. For consultation, please visit: [www.azichem.com](http://www.azichem.com).

It is forbidden to dispose of the product and/or packaging in the environment.

