

# **Repar SM**

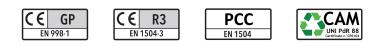
## Structural cement skim, thixotropic, fast solidifying



Fine skim, monocomponent, thixotropic, rheoplastic, composite, "multipurpose", fast solidifying. Perfect for millimetre and cosmetic smoothing of artefacts and works of concrete in structural and/or functional restoration.

CUSTOMS CODE: 3824 5090 COMPONENTS: Single-component APPEARANCE: Powder AVAILABLE COLORS: White / Gray PACKAGING AND DIMENSIONS: Bag 25 kg

#### **OBTAINED CERTIFICATIONS AND REGULATIONS**



#### FEATURES AND BENEFITS

Repar SM is a fine plaster, monocomponent, thixotropic, rheoplastic, composite, "multipurpose"; based on high-resistance cements, superpozzolanic fillers, hydrodispersed polymeric resins, plasticisers, stabilisers, and anticorrosives, antiallergic additives, selected aggregates, microfibres.

#### **FIELDS OF APPLICATION**

Repairs, finishing coats, protective and waterproofing coatings, planar regularisations, surface coatings, adhesives, etc., on concrete and masonry supports, even in cold weather.

#### **ALLOWED SUPPORTS**

Plasters - Concrete - Cement-based or lime-based mortars - Prefabricated concrete

## **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".



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## MODE OF USE

Pour about 2/3 of the mixing water into the mixer, add Repar SM and the remaining water; continue to mix until a homogeneous lumpfree mixture is obtained. The mixing water should be about 15-18% of the weight of the bag. After mixing is completed wait a few minutes before applying. It is recommended to prepare a limited quantity of mixture at a time, to avoid waste. Smoothe the surfaces to be regularised by applying the product with a spatula, sponge float, etc.

## **APPLICATION METHODS**

Brick trowel - Finishing trowel - Spatula

## **TOOL CLEANING**

Water

#### **KEY FEATURES**

←I→	Max.	recommended	thickness:	10	mm
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→I← Min. recommended thickness: 3 mm

- Pot-life: 30 min
- Temperature of use: +5 / +35 °C

# **TECHNICAL SPECIFICATIONS**

UNI EN 12190 Compressive strength **35 N/mm<sup>2</sup>** UNI EN 13295

Resistance to carbonatation **0.50 mm** UNI PdR 88:2020 Total recycled content ≥ **4.8** %

UNI EN 13687-1 Determination of thermal compatibility **1.7 mPa** 

pH > 12

EN 13142 Static elastic modulus 20000 N/mm<sup>2</sup> UNI EN 1015-6 Density 1900 kg/m<sup>3</sup> EN 196/1 Flexural strength **7 N/mm<sup>2</sup>** UNI EN 13036-4 Skid resistance **73 mm** UNI EN 1015-17 Chloride content **<0.01 %** 

Nonflammable

Shelf-life: 12 months

Use wearing protective gloves

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Darcy impermeability 10<sup>-10</sup> cm/s

EN 13501-1 Reaction to fire **A1** EN 1542 Bonding force **1.8 N/mm<sup>2</sup>** UNI EN 13057 Capillary absorption **0.49 kg•h^0.5/m<sup>2</sup>** 

Maximum diameter of aggregate: 0.5 mm

## CONSUMPTION

Approximately 1.65 kg/m<sup>2</sup> of Repar SM for each millimetre of thickness to be made.

# 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.



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#### **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. 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.

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



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