

FRESCO

CONCRETE REPAIR

TECHNICAL CONCRETE MORTAR R4

Structural repair mortar for concrete restoration

Short Description:

TECHNICAL CONCRETE MORTAR R4 is a thixotropic material designed for repairing, restoring, and protecting reinforced concrete elements. This product is especially suitable for restoring deteriorated reinforced concrete structures and provides a comprehensive solution for maintenance and repair.

Uses:

- Repairing, restoring, and protecting reinforced concrete elements.
- Suitable for restoring deteriorated reinforced concrete structures..

Surface Preparation:

- Clean the surface from dirt and loose materials.
- Ensure the surface is dry before application.

Application Instructions:

- Mix the product using a low-speed hand mixer or mechanical mixer.
- Apply a layer no thicker than 5 cm, waiting between layers as per site conditions.

Coverage:

1.3 m² at 1 mm thickness.

Drying Time:

One hour.

Technical Data:

Parameter	Value
Grain Size	mm 1.4
Product Density After Hardening	kg/liter 2.1
Compression Strength After 28 Days	N/mm ² 60
Chloride Ion Content	0.005%

Packaging and Storage:

- Volume: 25 kg
- Storage: 12 months in a sealed container in a cool place

Safety and Handling Instructions:

- Use gloves, mask, and safety goggles during application.
- In case of contact with skin or eyes, rinse thoroughly with water and seek medical advice if necessary.

Compliance and Standards:

Complies with EN 1504-3.



EN 1504-3
Prodotto di riparazione strutturale del calcestruzzo
per mezzo di malte CC di riparazione
(a base di cemento idraulico)

Product does not contain copper. Usage of protective gear and proper ventilation is advised. If product touches the eyes, rinse thoroughly and seek medical assistance. Make sure package is properly sealed; do not hang from the handle. Keep away from children. Do not mix with any products not recommended by Fresco. The above recommendations do not substitute professional advice within individual work plans. All details mentioned above are based on research, knowledge and experience obtained during production and usage of the product; they should not be seen as a general, specific, or implied guarantee of any sorts. Our guarantee is for the quality of the product alone, the user must check compatibility with their specific needs. We reserve the right to revise or alter any details without prior notice.



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