

M STEEL 44

BRUSHABLE CEMENT BASED PRIMER FOR REINFORCEMENT

Protects the reinforcement and provides anchoring to the substrate

Description : Ready cementitious industrial mortar for the protection of concrete reinforcement from corrosion.

Usages: Use in repairs of concrete to protect the reinforcement from corrosion in cases such as: damages from earthquake, concrete problems from carbonation, failures in the application. Use also as a bonding layer between old and new layer of mortar in repairs of concrete or other repair work. Use preventively on the reinforcement of structural elements in a humid environment



Advantages:

- Excellent adhesion to the steel reinforcement and to concrete
- Stops corrosion after repair
- Excellent protection from water penetration
- High strength

Packaging /distribution :

- Plastic containers of 1 kg.
- Cardboard box of 12 pieces of 1 kg.
- Palette of 480 kg.

Storage: 12 months from the date of production in unopened package, in a dry place.

Safety precautions : This product contains cement and corrosion inhibitors and reacts as alkaline with moisture, so it is classified as irritant. It must be used with care according to the instructions for use. Please consult the SDS of the product.

Specifications : EN 1504-7

Certification /CE marking: Factory production control certification:
TÜV AUSTRIA HELLAS (0906) - 0906-CPR-02413045

TECHNICAL DATA:

Colour :	Dark red
Specific gravity of dry mortar:	1.42 kg /lt
Specific gravity of wet mortar:	1.80 kg /lt
Corrosion protection:	Pass

 12 DoP: 052 MARMO-CPR 0906
NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece
EN 1504-7 MARMOLINE M-STEEL 44 Reinforcement corrosion protection
Corrosion protection: <i>Pass</i> Dangerous substances: <i>comply with §5.3</i>

APPLICATION:

Mixing water: Approx. 0.25 lt of water for 1 kg of product

Application mode:

- Clean thoroughly the reinforcement from rust.
- Clean thoroughly the concrete from loose material, dust, etc. You may also hydro-jetting for better cleaning of the area
- Mix approx. 0.25 lt of water with 1 kg of product until a homogeneous, lump-free mixture is obtained
- Cover the reinforcement in two coats, less than 1 mm thick, to avoid cracks
- It is recommended to saturate the concrete before applying the material
- Apply the second coat once the first one is dry

ATTENTION:

- The material should be protected from humidity
- Do not add excessive quantity of water for it may result on reduced strength
- Not recommended for use in extreme weather conditions (frost or heatwave). Application temperature +5°C to +35°C

The above application guidelines are indicative, for the correct use of the product. For more technical details please contact the company's technical department

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