

CM 40

Masonry mortar



DESCRIPTION

Cement-based mortar for building various types of building materials.

It requires only the addition of water. It provides high initial and final adhesive strength

FIELDS OF APPLICATION

- Use it to build bricks, large bricks, cement blocks and in general any kind of structural material on indoor and outdoor partitions of brickwork.
- Use it also to lay paving stones and sets of stones.
- For internal and external use.

FEATURES/BENEFITS

- High strength
- Excellent adhesion
- Strong adhesion strength
- Moisture- and frost-proof
- Indoor and outdoor use
- Easy to apply
- Excellent workability
- Stable quality
- Contains Low Volatile Organic Compounds. With Eurofins Indoor Air Comfort certification which ensures that the material complies with the strictest European regulations for VOC emissions.

PRODUCT INFORMATION

Appearance/ color	grey powder
Packaging	25kg
Storage conditions	In the original, closed, sealed and indestructible package, protected from direct sunlight and frost and at temperatures from +5°C to + 35°C.
Lifetime	12 months from production date (stored in a closed container in a shady place)

TECHNICAL CHARACTERISTICS

Grading :	3mm
Specific gravity of wet mortar:	2000 Kg/m ³
Compressive strength in 28 days:	≥5 MPa (EN 1015-11)
Flexural strength in 28 days:	> 1.3 MPa (EN 1015-11)
Adhesion strength:	0.3 MPa

APPLICATION INFORMATION

Environmental temperature	Temperature from + 5 °C to + 30 °C
Consumption	Approx. 20 kg/m ² for bricks with dimensions 6 x 9 x 19 cm
Mixing ratio	5.5- 6 kg (lt) of water /bag of 25 kg.

APPLICATION

- Mix with water by hand or using special mixers – pumps.
- Apply the wet mortar using a trowel, in the same way as a traditional masonry mortar

- Not recommended for use in extreme weather conditions (frost or heatwave). Application temperature +5 °C to +35 °C

CLEANING TOOLS

With plenty of water immediately after use. Hardened and/or cured material can only be removed mechanically.

ATTENTION

- The content of the bag should be protected from humidity
- Do not add excessive amounts of water because this can reduce the product's strength
- Do not mix the material for a long time and use it within half an hour

LEGAL NOTICES


We guarantee the quality of the product, in terms of its technical specifications, as presented in the technical data sheet. This guarantee is strictly only for the available product and in no case the final result from its application, which depends to a large extent on the experience and quality of work of each user, as well as the conditions of application.

It is recommended that the user apply the product on a small scale and after making sure of the result, then use it in his project. Publication of this technical data sheet supersedes any previous version.

MARMOLINE reserves the right to change the properties of its products.

The proprietary rights of third parties must be observed.

All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

 23 DoP: 264 MAR-CPR	
NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece	
EN 998-2:2016 MARMOLINE CM 40 General purpose masonry mortar (G)	
Compressive strength	M5
Shear bond strength	0.15 N/mm ²
Reaction to fire	Class A1
Water absorption	≤ 1.0 kg/m ² min ^{0.5}
Water vapour permeability (μ)	15/35
Thermal conductivity	0.38 W/mK (λ _{10,dry} P=50%)
Chloride content	≤ 0.1%
Workable life	220 min
Durability	NPD
Dangerous substances	see SDS