

# TECHNICAL DATA SHEET



## INNOVATIVE SYSTEMS

REV. 188022

### MALTA COLOR

Cement-based premixed mortar for laying and grouting of fair-faced brickworks

#### FEATURES

**MALTA COLOR** is a pre-mixed mortar: breathable, water-repellent, white or coloured and having a medium-fine granulometry. It is based on hydraulic binders, selected aggregates and specific additives; ideal for the laying and grouting of fair-faced brickworks, tuff, stone, etc., and suitable for both indoor and outdoor use. Easy to apply, it provides high speed operation and mechanical resistance.

#### WHERE TO APPLY

**MALTA COLOR** is designed for the laying and grouting of fair-faced masonry in brick, tuff, stone, etc., both indoors and outdoors.

#### SUBSTRATE PREPARATION

Ensure that the materials to be installed are clean and free of dust, paint, oil, grease, flaking parts and layer of non-adhesive substances. Moisten preferably before applying the product.

#### HOW TO APPLY

In order to obtain a mixture that guarantees perfect success of the work, clean water and the correct water-

powder ratio are necessary: the mixture thus results to be fluid, homogeneous and lump-free. Add approx. 4.5 l of water and mix in a concrete mixer or by hand, using a low-speed electric mixer. Then apply the product with a trowel.

#### WARNINGS

- **MALTA COLOR** must be used as it is, without the addition of any foreign materials.
- Application on plaster is not recommended.
- Processing time varies depending on the temperature and in any case the mortar must be applied within 2 hours after mixing.
- Avoid application in case of rain or threat of rain, scorching sun and strong wind.
- Do not apply below 5°C and above 35°C.
- Blocks or bricks to be laid, in hot weather, must be slightly moistened before laying.
- Frost and humidity sensitive.

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## ITEM OF SPECIFICATIONS

Pre-mixed powder mortar for masonry: water-repellent, breathable, white or coloured, with a medium-fine granulometry and based on hydraulic binders, selected aggregates and specific additives; ideal for laying and masonry in brick, tuff, stone, etc., and suitable for manual application both indoors and outdoors. To be mixed with water only and having a consumption which depends on use. – **MALTA COLOR BUFFA**.

## TECHNICAL DATA

MIXING WATER	approx. 18%
COMPOSITION	- hydraulic binders - selected aggregates - specific additives
COLOUR	white or coloured
GRANULOMETRY	0.8 mm max.
REACTION TO FIRE	class A1
HARDENED PRODUCT VOLUME	1.82 kg/litre
FLEXION RESISTANCE	3,0 MPa
COMPRESSION RESISTANCE	9 MPa
CONSUMPTION	depending on use
PACKAGING	25 kg bag
STORAGE	12 months if stored in unopened packages, away from heat, frost and moisture
TOXICITY	see safety data sheet
PLASTER CLASS	GP
ABSORPTION	class W0
THERMAL CONDUCTIVITY UNI EN 1745	0,84 W/mK (average value of prospectus P=50%)

In compliance with EN 998-1 : 2016

### CAUTION

The above information, prescriptions, and indications result from our best technical and applicative knowledge; nevertheless, they are considered purely indicative. Therefore, the users themselves are responsible for verifying the compatibility of the products with the intended use, as we can't intervene directly on the conditions of the construction sites and on the methods of carrying out the work. In this regard, a preventive test is recommended in order to verify the product suitability for its intended use.