

TECHNICAL DATA SHEET

INTERNAL AND EXTERNAL PLASTERING MORTAR



INTENDED USE

It is a very good base for ceramic linings, decorative plasters, finish coats and paints. The recommended thickness of the plaster layer ranges between 6 and 15 mm. It may be used as a traditional double-layer surface plaster, applied on the PLASTERING MORTAR (CEMENT SCRATCH COAT) or as a plaster primer used under the WHITE PATCHING MORTAR. The INTERNAL AND EXTERNAL PLASTERING MORTAR is characterized by high durability – standard category CS II (1,5-5,0 N/mm²).

MASONRY ELEMENTS

Masonry made of bricks, ceramic bricks, silicate bricks, cellular concrete bricks, and walls and ceilings made of concrete prefabricated elements. Old, not weathered cement-lime plasters, plastering mortar (cement scratch coat).

SURFACE PREPARATION

The surface should be even and solid, cleaned from dust, dirt, lime, oil, grease, wax, residues of emulsion and oil paint, etc. Remove destroyed and poorly adhesive plasters. Scratch the gypsum surface with a chisel to achieve a dense and oblique net with 3 mm deep scratches. The surface of reduced adhesion should be primed with MAJSTERGRUNT UNIVERSAL PRIMER, and very absorptive surfaces should be primed with MAJSTERGRUNT DEEP PENETRATING PRIMER.

APPLICATION INSTRUCTIONS

Use a single-phase plastering machine that is available on the market. Apply the plaster onto the entire surface provided during one working cycle. During manual operation, stir the bag contents with a specified amount of cold and clean water until uniform and desired consistency is obtained. Leave the mortar for 5 more minutes and stir it again. First stage is to do the „initial scratch coat”. After binding (but still prior to hardening) apply the top floating coat. At both stages, the plaster is evenly applied with a trowel (or a plastering machine). Excess mortar should be collected with a polystyrene or wooden trowel and put back into the vessel. The fresh plaster may be smoothed with a long trowel with flatness guide. To avoid excessive plaster drying, determine experimentally the moment when floating should start. Usually, the floating is performed upon application of an additional thin layer of mortar, which corresponds to the thickness of the aggregate. Finishing works should be carried out in accordance with

the plastering works technology, using tools appropriate to the expected finishing effect and plaster intended use. If the plaster is intended for a surface for ceramic linings, do not trowel it at all or float it. When the gypsum finish is to be applied onto the plaster, the plaster should be smoothed with polystyrene or felt trowel. Ensure good ventilation during drying.

COMPOSITION

A mixture of Portland cement, sand, lime, and appropriately selected modifying additives.

PACKAGING

25 kg multiwall vented paper bag.

STORAGE

Store in an original, undamaged packaging, in a dry place. Shelf life is 9 months from the manufacture date found on the packaging.

NOTES AND RECOMMENDATIONS

The technical specifications and instructions for use are provided for the temperature of +23± 2°C and relative humidity of 50± 5%. Processing time may change due to adverse weather conditions. Protect fresh masonry against drying up and moisture. Neither electric heaters (the risk of shrinkage cracks) nor gas heaters (shrinkage and carbonization processes) should be used. Information provided on the packaging is to ensure an optimal use of the product, but does not give rise to liability of the Manufacturer, because the use conditions are beyond his control. Any change in product composition is unacceptable and can significantly diminish the quality of the material. It forms an alkaline solution when mixed with water. Empty paper packaging can be recycled.

TECHNICAL SPECIFICATION

Colour: gray
Appropriate amount of water: 4,5 - 5,5 L per 25 kg bag
Surface temperature: from +5°C to 25°C
Ambient temperature: from +5°C to 25°C
Break time in pumping of fresh plaster: up to 30 minutes
Consumption time: ca. 1h
Compression strength category: CS II
Water absorption: W0
Chromium (VI) content < 2 ppm

CONSUMPTION

ca. 1,4 kg per 1 mm thick layer

CERTIFICATES

EN 998-1:2010 Specification for mortar for masonry.
Masonry mortar

The Declaration of Performance no. MP/015/2013

The Hygienic Certificate of the National Institute of Hygiene
no. PZH HK/B/1385/01/2015

The Radiation Hygiene Certificate no. HR/B/30/2013

Information provided in the Technical Data Sheet is to ensure an optimal use of the product, but does not give rise to liability of the Manufacturer, because the use conditions are beyond his control. Work should be carried out in accordance with the construction work code of practice. Any change in product composition is unacceptable and can significantly diminish the quality of the material. In the case of mixing the products with those of other manufacturers, Majster-Pol does not take responsibility for the product quality.

With the publication of this Technical Data Sheet all previous versions are no longer valid