

MORA BASE COAT

USE :

Cement Base Coat is designed for application of contact coat prior to application of main coat of cement – lime plasters:

. For indoor and outdoor use, upon rough surfaces of bricks, hollow and ceramic blocks, concrete and chipboards. The mortar should not be used on metal, timber and plastic surfaces.

PROPERTIES:

Cement Base Coat is manufactured as a dry mix of cement, quartz fillers and special components ensuring mortar plasticity and improving its workability. Improves bonding of main coat to the substrate and is particularly important upon smooth substrates or those of low absorptiveness. Cement Base Coat is frost- and waterproof.

SUBSTRATE PREPARATION:

The substrate should be dry, stable and cleaned of impurities which would impair bonding, particularly of dust, dirt, oils, greases, residues of paint coatings and anti-adhesion agents.

Poorly bonded substrate elements should be hacked off, loose dusty fragments additionally cleaned with the use of a card. The substrate should be properly aged and its humidity must not exceed 3%. Absorptive substrates should be primed with one of the priming agents Mora Primer. We recommend to prime ceramic elements, but leave the installer to decide after thorough substrate evaluation. Smooth substrates should be primed with Mora Primer agent. The agents must dry before base coat application. Edges of joints of chipboards should be strengthened with strips of stainless metal mesh.

MORTAR PREPARATION :

The mortar is prepared in a plastering unit equipped with spiral pumps, by pouring the dry mix into the hopper. Keep the mortar consistency thickened. In case of manual application, pour the dry mix into a container with appropriate amount of clean water, keep the ratio listed in the Technical Data section, mix manually or mechanically until homogenous, free of lumps mass is formed.

APPLICATION :

Thickened mortar is applied with uniform coat min. 4 mm thick, mechanically or manually, upon properly prepared substrate. The coat surface should not be levelled nor floated and left for initial hardening. Base Coat requires approx. 1-3 days for setting and reaching appropriate mechanical properties. During this period of time, avoid draught, protect the surface against wind, direct sunlight and precipitation. Apply main plaster coat then.

TOOLS :

Plastering unit, mixer with a drill, stainless steel trowel, plastic container. Clean the tools with water, directly after use.

CONSUMPTION:

The average consumption is approx. 6-7 kg per 1 m² for 100% substrate coating.

PACKAGES:

Paper bags 20 kg.

STORAGE AND TRANSPORT:

Shelf life is 12 months from the production date given on the bag. Transport and store the product in tightly closed bags, on pallets, in dry conditions. Protect against humidity. Incoherence with recommendations listed above may impact the product working parameters.

TECHNICAL DATA:

Mixing ratio:	4.2 – 4.6 l of water for 20 kg of dry mix
Pot life:	approx. 120 minutes
Substrate and ambient temperature:	from +5 °C up to +25 °C

Bonding	≥ 0.3 N / mm ²
Water absorption	W1
Water vapour permeability coefficient (tabular value) μ	15/35 (EN 1745:2002 tab. A.12)
mortar density	≤ 1800 kg/m ³
Water absorption	W1

NOTE

Contains cement. May cause respiratory irritation. Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. Keep out of reach of children. Avoid breathing dust. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or a rash occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Follow the instructions of the Safety Data Sheet.

The above information constitutes basic guidelines for the application of the product and does not release the user from the obligation of carrying out works according to building principles and OHS regulations. At the time of publication of this product data sheet all previous ones become void.