

Lightweight gypsum construction plaster for indoor use

EN 13279-1 B4/20/2

Product description

Gypsum plaster for leveling walls and ceilings indoors, requires no spackling.

Packing and storage

VOLMA-SLOY is packed in 30 kg paper bags. Bags with dry mixture should be stored in dry conditions on wooden pallets. Period of storage in undamaged original pack - 12 months.

Scope of application

This plaster is used for leveling of walls and ceilings in heated premises, before applying wallpaper, tiles or other finishing and decorative coatings. Intended for application on the following surfaces: concrete, brick, cement-lime plaster, gypsum boards and blocks, aerated or foam concrete and plasterboards. VOLMA-SLOY is used in premises with standard humidity and temperature from +5 to +30C.

General properties and advantages

- Light gypsum plaster
- For indoor works
- For manual application
- Mineral based
- Requires no spackling

Surface preparation

The surface should be solid, dry, and free from dust, dirt, oil and peeling. Metal elements should be treated with anti-corrosion material. To avoid uneven setting of the mortar, treat the plastered surface with a primer appropriate for the type of surface. Let the primer dry after application. The temperature of the base should not be lower than +5C.

Mortar preparation

Add 0.55-0.65l. of water per 1kg of dry mixture. Pour the dry mixture to a clean plastic container with clean room-temperature water and stir until homogeneous with a concrete mixer or a mixer drill. Let the mortar settle for 2-3 minutes. Then stir it again.

Application

Within 20 minutes after stirring, apply mortar to the surface in a 5-60 mm thick layer. Level the plaster mortar on the surface using an h-section rule. When the plaster mortar starts setting (approximately 45-60 minutes after preparation) level the surface using a wide trapezium-shaped rule, cutting off excess and filling in cavities. To even out unevennesses and traces of the trapezium-shaped rule, rub with a sponge rubber float, well soaked with water. When the surface appears matte, smooth the plaster with a wide metal spatula. Within 24 hours, but no earlier than in 3 hours after preparing the mortar, wet the plaster well and smooth it with a metal floater or spatula. After this treatment the surface requires no further spackling.

Technical specifications:

Dry mixture consumption for a 10 mm thick layer	7.5-8.5 kg for 1 m ²
Recommended layer thickness	5-30 mm
Maximum layer thickness	60 mm
Complete dry-out time for 10 mm thickness	5-7 days
Water consumption	0.55-0.65 L/kg
Base temperature	From +5 to +30°C
Setting time	Not less than 20 minutes
Compression strength	Not less than 2.0 N/mm ²
Flexing strength	Not less than 1.0 N/mm ²
Strength of adhesion to the base	Not less than 0.1 N/mm ²
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Storage period	12 months