

webermur LM13

Dry mortar for plastering interior and exterior walls



COMPOSITION

webermur LM13 is a dry mortar composed of hydrated lime, Portland cement, selected aggregates and chemical additives that improve workability and adhesion.

USE

The material is used as first coat material for plastering internal and external surfaces. It may be applied using a plastering pump or manually. The material is used on different surfaces such as: concrete, bricks of different dimensions, concrete blocks etc. It should not be applied on gypsum, wood or metal surfaces.

APPLICATION

1. Dry material is mixed with clean water in the amount of 25 liters of water per 100 Kg. Mixing may be done with a drill or in the pump that will be used for the application. After mixing with water the mortar should be applied within 2 hours, if necessary the material may be remixed occasionally with a trowel.
2. Mortar filler is used with plaster pumps and is applied in a single layer with a maximum of 20 mm spacer in cases where masonry is prepared very well. Plaster may be applied manually with trowel. For spacer larger than 20 mm, mortar is applied in more than one layer, waiting one day before applying the additional layer, paying special attention to obtaining a hard surface layer. First layer must be dry to surface the weight of the second layer.
3. The leveling of material is done starting from the floor towards the ceiling and run with a straightedge with horizontal or vertical movements.
4. Workability (friction, scratch, etc.) should be carried out 1.5 to 4 hours after application depending on the weather conditions and the type of the surface.

Consumption

14-15 kg/m² for each layer of 10mm.

Packaging

25kg/bag

5kg bucket, 450kg on a pallet

Color

grey

Tools

Pump, steel trowel

For applying: brush, roller For applying: brush, roller

Expiration date

12 months stored on pallets in a dry place with no direct impact of weather conditions and moisture. Protect from freezing.

SURFACE PREPARATION

- The masonry must be free from dust, dirt or salt residue. Oil, fat and wax waste must be removed.
- Smooth concretes should be sprayed with Ital Col Beton Contact
- Adding other elements requires fiberglass net applied on the surface of mortar.
- Gaps between the bricks should be closed well and gaps or potential damages in masonry should be closed.
- To facilitate the direction (water flow) of walls, use of cornerite and steering is advised.

QUALITY

webermur LM13 is subject to constant quality control at our laboratory. Raw materials used are also strictly selected and controlled.

NO	PARAMETER	UNIT	MEAN VALUE	STANDARD
I CHEMICAL – MECHANICAL INDICES				
1	Mass density dry	Gr/1	1.280	SSH EN 1015
2	Residue Φ 1.4 m/m	%	20	-
3	Residue Φ 0.6 m/m	%	80	-
4	Water for standard consistency	%	21	-
5	Mass density wet	Gr/1	1.955	-
6	Initial setting time	"	4 ore + 15 min	SSH EN 1015- 10...1999
7	Final setting time	"	12 ore	SSH EN 13 – 294... 2002
8	Compressive strength after 28 days	MPa	5	SSH EN 1015- 11... 1999
II PHYSICAL INDICES				
1	Water Content	%	0.13	-
2	Additives	%	0.3	-

Fresh mortar should be protected from frost and rapid drying. Minimum temperature of use and drying for the mortar is 5 C. Premises must be aired after application until the material is totally dry, avoiding large fluctuations in temperature. Application in the presence of strong wind may cause the formation of cracks and "burning" of mortar. It is advised to adopt the necessary measures. Paints, other coats should be applied after mortar is totally dry. Avoid application in the presence of frost or when frost is expected in the following 24 hours.