

# MORTAR

## SELF LEVELING L50

Cementous, fluid and fiber-reinforced self-leveling mortar, special for the realization of recuts and leveling of pavements with thicknesses between 5 mm and 50 mm, which once hardened must be covered by coatings.

### Composition

Composed of crushed marble **aggregates** used in construction, **Portland cement** and **additives** of both organic and inorganic nature that give it better characteristics in adhesion, fluidity and leveling power.

### Application field

Mortar with excellent leveling power and easy application for the regularization of continuous screeds, ideal in situations where a level base is required as a support for the subsequent application of other types of flooring, such as parquet, carpet, ceramic tiles, linoleum, ceramic materials, marble, etc. Suitable for floors with underfloor heating and as a finishing material for synthetic coverings. Not suitable for wearing surfaces. Ideal for both indoor and outdoor use. **Suitable for underfloor heating.**

### Instructions for use

- **Preparation of the support:** the support on which the application will be made must be totally forged, be resistant, consistent, be dry, clean of dust, paint, oil, ... and do not present decofrant remains.

In case of cracks, small gaps or holes, repair them with the same mortar with a thicker consistency.

In large works, regularly extend a few feet across the surface to achieve a perfect finish and excellent planimetry. The surface should preferably be open pore, precise the treatment of it by grenade, diamond or milling.

On low porous supports, ceramic or polished concrete the coating must be attached previously applying on the support a 1 to 4 hour priming **Fixmar Primer GR** and let dry for 1 to 4 hours, when dry to the touch.

- **Preparation of the mixture:** in manual application: add 4.5 or 5 l of water per bag and mix manually or mechanically, with an electric mixer at low revolutions until you get a fluid and homogeneous paste. Let the mixture rest for about 2 minutes and mix again.

In machine application: adjust the pressure with the corresponding water depending on each type of machine until obtaining a very fluid paste.

- **Application of the paste:** respecting the water of paste, the expansion joints, perimeter or structural, and the desired maximum levels, proceed to the discharge or pumping of the mortar, giving the mortar oscillations getting the same mortar to self-level. To promote adhesion, the final thickness is obtained either with a straight edge or with a smooth metal trowel.

Once the product is extended, the use of a bar roller is recommended to remove the air bubbles and achieve a totally smooth surface.

## Recommendations for use

- The application temperature must be between 5 °C and 35 °C in air and 5 °C and 25 °C on the medium.
- Do not apply if frost is expected, in full sun and avoid air currents, if it is necessary to cover windows, doors,... Do
- not apply to soils with humidity or susceptible to having it.
- For surfaces larger than 12 m<sup>2</sup>, make perimeter movement joints by installing 10 mm thick strips of compressible material at the junction of the screed with all the structural elements that may interfere.
- For large surfaces it is advisable to make partition joints every 25 m<sup>2</sup>. The width of the joint must be at least 6 mm and must be filled with a chewing machine.
- For the realization of a second layer, the first one must not be completely dry, otherwise the application of Fixmar Primer GR will proceed.  
Wait 24 hours to coat with ceramics or textile pavement. To cover with wood, PVC or paint, wait a minimum of 7 days.
- On the supports with underfloor heating turn it off 24 hours before application and wait 48 hours before turning it on again.
- Not suitable for applications in which heavy vehicle traffic is required.
- 

## Technical data

|                  |                        |  |                    |  |
|------------------|------------------------|--|--------------------|--|
| Product          | Type                   | CT-C25-F6  |                    | Classification according to the rule EN 13813:2002 |
|                  | Color                  | Gray   |                    |  |
|                  | Density powder         | 1,63 g/cm3   |                    |  |
|                  | Maximum granulometry   | 2,5 mm   |                    |  |
|                  | App Thickness          | Between 5 and 50 mm  |                    |  |
| Application      | Water dam              | 19%  |                    |  |
|                  | Performance            | 20 Kg/m2 y cm of thickness   |                    |  |
|                  | Blending density       | 2,10 g/cm3   |                    |  |
|                  | Transitable to         | 12h  |                    |  |
|                  | Coverable at           | 24h  |                    |  |
| End Performances | Compression resistance | >25 N/mm2  | EN 13892-2         |  |
|                  | Bending resistance     | >6 N/mm2   | EN 13892-2         |  |
|                  | Fire reaction          | Classe A1  | Decision 96/603/CE |  |
|                  | Thermal conductivity   | 1,1 W/mk ± 0,1   | EN 1745            |  |
| Storage          | 12 months              | Store with the container closed and in a covered, dry and ventilated place |                    |  |
| Presentation     | 25 kg bags             |  |                    |  |
| Arancel code     | 38245090               |  |                    |  |

To know the security precautions in the occupation, storage and elimination of the product, consult the Security Datasheet available on the website [www.aymarsa.es](http://www.aymarsa.es)

**NOTE: The information contained in this technical sheet is based on our experience and on trials carried out in specialized laboratories. The characteristics of the resulting product will depend on the correct preparation and application on site by the user. If these conditions are not met, the above characteristics will not be achieved.**



### Factory and Offices

Ctra. C-35, Km 58 · Ap. correos nº1  
08470 SANT CELONI (Barcelona)

Tel. (+34) 93 867 00 00

aymar@aymarsa.es  
[www.aymarsa.es](http://www.aymarsa.es)

