

# SELF-LEVELING L20 MORTAR

Cementitious self-levelling, fluid and fibre-reinforced mortar, special for the screeding and levelling of pavements with thicknesses between 3 mm and 20 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

## Scope of application

Mortar with excellent levelling power and easy application for the regularisation of continuous screeds, ideal in those situations where a level base is required as a support for a subsequent application of other types of coating, such as parquet, carpet, ceramics, linoleum, ceramic materials, marble,... Suitable for floors with radiant heating and as a finishing material for synthetic cladding. Not suitable for wear surfaces. Ideal for use both indoors and outdoors.

## Instructions for use

- Preparation of the support: the support on which the application is to be made must be completely set, resistant, consistent, dry, clean of dust, paint, oil... and not present traces of release agent.

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

On large construction sites, regularly extend a few feet level over the entire surface to achieve a perfect finish and excellent planimetry.

The surface must preferably be open-pore, and it must be treated by shot blasting, diamond or milling.

On non-porous supports, ceramics or polished concrete, the screed must be adhered by previously applying a primer of Fixmar Primer GR to the substrate and allowed to dry for 1 to 4 hours, when it is dry to the touch.

- Mixture preparation: in manual application: Add 6 l of water for each bag and mix manually or mechanically, with a Electric beater at low revolutions until a fluid and homogeneous paste is obtained. Let the mixture sit for about 2 minutes and mix again .

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

- Application of the paste: respecting the mixing water, the expansion, perimeter or structural joints, and the maximum desired levels, the mortar is poured or pumped, giving the mortar oscillations so that the mortar itself levels itself. To promote adhesion, the final thickness is obtained either with the ruler or with a smooth metal trowel.

Once the product has been spread, it is recommended to use a barbed roller, to eliminate air bubbles and achieve a completely 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 substrate.
- Do not apply if frost is expected, in full sun and avoid drafts, if necessary cover windows, doors....
- Do not apply to soils with humidity or susceptible to 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 meeting of the screed with all the construction elements that are in the way.
- For large surfaces, it is advisable to make partition joints every 25 m<sup>2</sup>. The width of the joint should be at least 6 mm, and it should be filled with a chew.
- To make a second layer, the first one must not be completely dry, otherwise the Fixmar Primer GR will be applied .
- Wait 24 hours to cover with ceramic or textile flooring. To coat with wood, PVC or paint, wait a minimum of 7 days.
- On radiant heating supports, turn it off 24 hours before application and wait 48 hours before turning it back on.
- Not suitable for applications where heavy vehicle traffic is required.

## Technical data

Product	Type	CT-C20-F5		Classification according to the standard EN 13813:2002
	Color	Grey		
	Powder Density	1,3 g/cm <sup>3</sup>		
	Maximum Granulometry	1 mm		
Application	Kneading water	24%		
	Mixing density	2,01 g/cm <sup>3</sup>		
	Application Thickness	Between 3 y 20 mm		
	Yield	16-17 Kg/m <sup>2</sup> y cm thick		
	Walkable to	12h		
	Coated to the	24h		
Final yields	Compressive Strength	>20 N/mm <sup>2</sup>	EN 13892-2	
	Bending Strength	>5 N/mm <sup>2</sup>	EN 13892-2	
	Reaction to fire	Class 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	Bags of 25 kg			
HS Code	38245090			

For safety precautions in the use, storage and disposal of the product, please refer to the Safety Data Sheet 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 tests 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 characteristics indicated above will not be achieved.



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