

Hidromar Elàstic

ELASTIC HYDROMAR is an ELASTIC mortar for the IMPERMEABILIZATION of all types of surfaces of work subjected or not to deformations.

Its characteristics are unique:

Very high flexibility and elasticity.

Total adhesion to the support without reproach.

Total waterproofing.

A ceramic finish is possible.

Excellent brushwork, with fine flat, roller, or even with air-less.

Resistance to the effects of saline and somewhat acidic waters, to atmospheric CO₂ pollution, SO₂, ...

Composition

Waterproof membrane formulated with hydraulic cements, modified with polymers.

Application field

ELASTIC waterproofing of swimming pools, ponds, tanks, canals, etc.

ELASTIC waterproofing of swimming pool beaches with total safety, for subsequent ceramic placement.

Waterproofing of ceramic shower dishes with maximum elasticity.

Waterproofing balconies, terraces, outdoor terraces,...

Impermeabilizes by bridging, surfaces with microfissures or susceptible to micro fissures.

Prefabricated or/and concrete blocks

Land containment walls on the outside, protecting it later with a geotextile sheet.

Waterproofing of bathrooms, changing rooms, balconies, etc. Ceramics can be placed on top with ADIMAR FLEX.

Instructions for use

1. The supports must be resistant, solid, clean of dust, paint, waxes, decofrants, oils and fats and be perfectly wrought.
2. Prior to the application of HYDROMAR ELASTIC, we recommend applying a fiberglass mesh in all corners, vertices, sinks and expansion joints in order to achieve a total waterproofing of these critical points.
3. In summer or on very absorbent surfaces, wet the surface previously with water until saturating it, eliminating excess water and avoiding sewage
4. HYDROMAR ELASTIC is an already predosed product. Mix the liquid with the powder and beat it compulsorily with electric mixer. The resulting mixture will be homogeneous. If applied for air-less add 1 litre of extra water for each 32 kg mixture.
5. Apply a 1st layer of ELASTIC HYDROMAR with a thin brush or flat or pneumatic spraying system. This layer should not be more than 2 mm thick.
6. Let the 1st layer dry for about 4 hours approx. Apply a 2nd layer of ELASTIC HYDROMAR in the direction perpendicular to the 1st.

Recommendations for use

For use in swimming pools or tanks:

Apply at least 2 layers of 1 mm each, in order to resist always positive pressures of maximum 3 bar. To resist more pressure, increase the number of layers (always apply layers of maximum thickness 1 mm.)

For the placement of ceramics on ELASTIC HYDROMAR:

After 24 to 36 hours (a +20 °C) from the application of ELASTIC HYDROMAR, the ceramic pieces will be patched with a cemented adhesive that complies with the regulations of grip on waterproof sheets, such as ADIMMAR FLEX.

SUPER-FLEX HYDROMAR should not be used:

- In contrapression.
- At temperatures below +5 °C. - In thicknesses above 1 mm. By layer.
- On very dry surfaces and avoids of water (especially on hot days).
- Add cement or extra water to the original formula.
- In non-stable concrete structures that require technical requirements higher than those offered by the ELASTIC HYDROMAR (consult the Technical Dte)
- On roofs without a final protection with ceramics.

Stagnation guarantee:

The sealing of a swimming pool, tank, etc. is the exclusive responsibility of the concrete glass that forms it, since its construction, stability, sizing, concrete quality, settlement of the land, formation of cracks, even the placement of this waterproofing itself, are not the responsibility of the ELASTIC HYDROMAR.

ELASTIC HYDROMAR complies very widely, the EN 14.891 standard, so it maintains waterproofing even low (-5 iC) and very low temperature (-20 iC) in cracks . 0.75 mm. These are the limits of the sealing guarantee offered by ELASTIC HYDROMAR. Therefore, it is advisable to ensure beforehand that the dimensional stability of the structure does not require a higher provision.

Technical data

Product	Type	CM O2P norm EN 14891:2017
	Blending ratio	20 Kg dust / 4,8 l of water
	Blending density	1,5 gr/cm ³
Application	Application Temperature	+ 5°C a + 35°C
	Useful Life	2 hours
	Timeout between layer and layer	from 4 to 5 hours
	Slicing timeout	between 24 and 36 hours at +20°C

Final features	Resistance to saline waters:	excellent	
	Resistance to weak cycles/alkali	notable	
	Carbonation resistance	excellent	
	Initial grip on traction	EN 14891:2017-Apdo. A.6.2	≥ 0.5 N/mm2
	Durability of the initial grip in traction against the action of water/humidity	EN 14891:2017-Apdo. A.6.3 / A.6.4	≥ 0.5 N/mm2
	Duration of initial grip on traction against climate action / thermal aging	EN 14891:2017-Apdo. A.6.5	≥ 0.5 N/mm2
	Durability of initial grip in traction against the action of frosts and ice and melting cycles	EN 14891:2017-Apdo. A.6.6	≥ 0.5 N/mm2
	Durability of initial grip on traction against water contact with need	EN 14891:2017-Apdo. A.6.9	≥ 0.5 N/mm2
	Resistance to fissure propagation under normal conditions	EN 14891:2017-Apdo. A.8.2	≥ 0.75 mm
	Water waterproofing	EN 14891:2017-Apdo. A.7	Sense penetra-
	Emitting dangerous substances	EN 14891:2017-Apdo. 4.2	Cumpleix
	Resistance to fissure propagation: at very low temperatures (-20°C)	EN 14891:2017-Apdo. A.8.3	≥ 0.75 mm
	Durability of initial grip in traction against chlorinated water action	EN 14891:2017-Apdo. A.6.7 / A.6.8	≥ 0.5 N/mm2
Stockage	12 months	Store with the container closed and in a covered, dry and ventilated place	
Presentation	25 kgs bags		

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

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.



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