HIDROELASTIC

CM O2P according to EN14.891

Mortar for WATERPROOFING. SUPER-ELASTIC. TOTALLY WATERTIGHT. Specifically for swimming pools. Waterproofs all types of building surfaces, whether or not they are subject to deformation.

Grey

MAIN FEATURES

-Super-ELASTIC waterproofing for swimming pools.
-Withstands positive pressure up to 3 bar.
-Bridges cracks up to 1.25 mm at -20ºC.
-Excellent workability with a brush, fine trowel, roller or even an airless sprayer.
-Resistance to the effects of saline and some acidic water, as well as atmospheric pollution due to CO_2 or SO_2.
-Total adhesion to the surface without shrinking.
-Always for ceramic finish.

FIELDS OF APPLICATION

-ELASTIC waterproofing of swimming pools, ponds, tanks, canals, etc. with ceramic finish.
-ELASTIC waterproofing of swimming pool decks with total safety, for subsequent laying of ceramic tiles.
-Waterproofing of ceramic shower trays with maximum elasticity, balconies, terraces, exterior roofs,... for the subsequent laying of ceramic tiles.
-For bonding ceramics use **TECNOCOL GEL**.

HOW TO USE

SUPPORT PREPARATION

-The substrates must be resistant, solid, clean of dust, paint, waxes, release agents, oils and grease and be perfectly set.
-Previously to the application of **HIDROELASTIC**, apply the **BANDA IMPERMEABLE 120/70** or **FIX-BANDA** or **FIX-BANDA DRAIN** on all corners, vertices and drains in order to achieve total protection of these critical points.
-Wet the surface with water until it is saturated, removing excess water.

PRODUCT PREPARATION

-Pre-dosed product. Mix the powder with the liquid using a mixer without adding extra water. By airless you can add 1 litre of extra water per each 30 kg.

PRODUCT APPLICATION

-Apply a 1st coat of **HIDROELASTIC** with a brush or fine trowel or pneumatic spraying system. This layer should not be more than 2 mm thick. If desired, **NET-ELASTIC-65** can be applied on top of this first coat while the first coat is still fresh. This mesh significantly improves the tensile strength of the waterproofing.
-Allow the 1st layer to dry for approx. 4 hours.
-Apply a 2nd layer of **HIDROELASTIC** perpendicular to the 1st layer.

COMMENTS TO TAKE INTO ACCOUNT

-At counter-pressure use **HIDROFIX**.
-Apply at least 2 layers of 1 mm of **HIDROELASTIC** in swimming pools or tanks that must contain water at positive pressure (up to 3 bar) and/or negative pressure (up to 1.5 bar). More layers mean more protection. For higher pressures, increase the number of coats.
-After 24 - 36 hours (+20ºC) from the application of **HIDROELASTIC**, proceed to bond the ceramic pieces with **TECNOCOL GEL** cementitious adhesive.

TECHNICAL DATA

Density	1.3 g/cm³
Proportion of mix	pre-dosed
Density of the mixture	1.5 g/cm³
Temperature of application	from +5ºC to +35ºC
Pot life	2 hours
Drying time between coats	4 - 5 hours
Waiting time for tiling	24 - 36 hours (+20ºC;50%RH)
Initial adhesion	≥ 0.5 N/mm²
Adhesion after immersion in water	≥ 0.5 N/mm²
Adhesion after heating	≥ 0.5 N/mm²
Impermeability	100% (1.5 bar / 7 days)
Resistance to cracking	≥ 0.75 mm (-20ºC)
Adhesion after freezing-thawing cycles	≥ 0.5 N/mm²
Adhesion after immersion in chlorinated water	≥ 0.5 N/mm²
Consumption (2 coats de 1 mm/coat)	2.5 kg/m²
Estimated expiration	18 months
Presentation	5 kg, 20 kg and 30 kg