



ADHESIVES AND PUTTIES

HORMIUM

ADHESIVE UNION BRIDGE FOR OLD AND NEW CONCRETE

The product is formulated with watery dispersed acrylic polymers, which resist ultraviolet rays., and it is an adherence promoter among new and old concrete and mortars; it also resists aggressive waters, oils and hydrocarbons. Hormium improves physical mortar and concrete resistance.

USES

Hormium can be used in old floors repairing, which need a new compression coat or new arrangements of low thickness. The product promotes stuccoes adherence on smooth or waterproof concrete, it improves mortar adherence in tiles application, etc.

SURFACE PREPARATION

The surface must be solid, clean and exempt of strange materials, and the surface must be wet but without puddles. To use Hormium the temperature must be always higher than 5°C.

INSTRUCTIONS FOR USE

For the union of new and old floors you should previously wet the surface with abundant water, and then dry the puddles with a brush. After that you water the product over the old concrete and you can pour the new concrete over it.

For small repairing, such as pillar arrises, stair steps, floor holes, etc. the product is diluted directly in the mixing water (the dosage is 250 ml. for each 50 Kg. cement bag); you must mix until you obtain the desired consistence. On the previously wet surface apply a primer (preparation coat) mixing Hormium with water (the proportion is 1/1). In all the cases a primer must be applied before the work which will be done with everything wet. Repaired zones must be protected against wind and the direct sun.



CONSUMPTION

For mortars with low thickness 1/1 with water, and mixed with this mixture.
 For the reconstruction of an old mortar with a thickness over 10 cm. 250 cm³ per 50 Kg Portland cement.
 For the primer 1/1 with water: 6-8 m².

COLOUR

Slightly blue.



PACKING AND STORING

Hormium is packed in hermetic barrels of 55-110-220 Lt., according to EC packing and storing directives for chemical products.

HYGIENE AND SAFETY

See product label.

SPECIFICATIONS	
Main function:	Adherence promoter
Secondary function:	Fluidizer
Secondary effect:	Air includer
Aspect:	Opaque liquid
Colour:	Slightly blue
PH (UNE 83.227):	9,3 ± 0,5
Viscosity (A4, V50, 25°C):	25 ± 10 cP
Specific weight at 20°C (UNE 83.225):	1,06 g/cm ³ approx.
Dry residuum at 105°C ± 3°C (UNE 83.205):	47,0% ± 2,0%
Halogenure content (UNE 83.210):	2590 mg/g additive

RESISTANCE TO COMPRESSION VARIATION IN MORTARS UNE 83.210

With constant water	Constant consistence
Minimum dosage: 250g/50kg Portland cement	
3 days	367 Kg/cm ²
7 days	412 Kg/cm ²
28 days	492 Kg/cm ²
90 days	530 Kg/cm ²
Adherence between old concrete and new additivated concrete: >450 Kgf.	