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Ref.	Description
E00006	FAST DRYING BINDER

DESCRIPTION

- FAST DRYING hydraulic binder with synthetic organic-mineral modifiers, special for FLOORING preparation.

FIELD OF APPLICATION

- Fast drying hydraulic binder for :
 - Preparation of mortar for floorings with humid soil consistency.
 - Placement of: parquet, moquette carpet, linoleum, ceramic coatings, natural or artificial stone, etc.
 - Preparation of floorings with radiant heating.
 - On concrete or mortar supports.

PROPERTIES

- According to standard UNE 56810:2004 (section 4.2), establishing the general conditions for supports to place wooden floor coatings (parquet), the humidity content of the flooring previous to placing the parquet will be under 2.5%.
- With **PREFACON02** flooring, residual humidity of the flooring under 2% is achieved after 10 days.
- With **PREFACON02** flooring, the work delivery periods are reduced.
- Therefore, **PREFACON02** flooring reduces the work delivery periods.
- It is compatible with all supports.
- **PREFACON02** flooring achieves high mechanical resistance after a few days of its preparation (see Technical Characteristics).
- No fissures or cracks.
- Convenient handling and on site installation.

METHOD OF USE

Preparation of the Support or Pieces to be placed

- The support must be stable and resistant.

- Must be clean from dust, loose particles, plaster, paint remains, grease, etc.

- Possible support defects (cracks, gaps, etc.) must be repaired at least 24 hours before applying the **PREFACON02** flooring.

Product Kneading

- The mixture ratios should be:

PREFACON02	AGGREGATES (0 - 8 mm)	WATER
25 kg	150 - 170 kg	12 - 13 kg

In the case of humid aggregates, the amount of water added will be that necessary until achieving a humid earth consistency.

- For 1 m³ of dry aggregates add 225-250 kg of **PREFACON02**.

- The **PREFACON02** kneading time will be enough to achieve an EXHAUSTIVE MIXING which provides a homogeneous mortar.

- The previous point must take into account the type of mixer being used, as heating the product would accelerate the hydration reaction, in consequence reducing mortar workability.

Product Application

- Apply and level the **PREFACON02** flooring over the support.
- Polish thoroughly to achieve the greatest compacting possible, in this way managing that the flooring is firm and enabling the coating to later stick.

Coating Application

- According to standard UNE 56810, establishing the general conditions for supports to place wooden floor coatings (parquet), the humidity content of the flooring previous to placing the parquet will be under 2.5 %.
- With **PREFACON02** flooring, residual humidity of the flooring under 2% is achieved after 10 days.
- Before applying the coating, the person in charge of placing it will measure the residual humidity of the flooring using a carbide hygrometer to ensure that it is really under that required (the use of electrical conductivity hygrometers requires these are calibrated for each specific type of flooring).

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- The intrinsic humidity of the elements actually on site will be determinant for the correct drying of the **PREFACON02** flooring. If the work has humid walls, framings, etc, this will affect the flooring applied, delaying its drying.
- The environmental conditions (temperature and relative humidity) will equally have an influence on the drying of the **PREFACON02** flooring.
- The parquet will be stored on site protected from the elements, in cool, ventilated, clean and dry premises, previous to its placement. All this in accordance with that established in standard UNE 56810:2004 (section 6).

RECOMMENDATIONS AND PRECAUTIONS

- Do not apply on outdoor.
- Do not apply on metal surfaces.
- Do not apply on below 5°C or above 30°C.
- Do not apply on frozen or soaking supports or if freezing is expected.
- Do not apply on floors with capillary humidity uprisings.
- Knead with the specified amounts of aggregates and water.
- Do not add other products other than those indicated to the **PREFACON02** mixture.
- Respect the waiting periods before placing the coating over it.

CONSUMPTION

- The consumption of **PREFACON02** will be of 2 - 2.5 kg/m² per cm thick applied to the flooring.

SAFETY AND HYGIENE

- This product contains cement. Cement is an irritant to the eyes, respiratory paths and mucous membranes.
- The paste gives a high pH when mixing the product with water. Therefore, it may irritate the skin in the

case of prolonged contact, causing lesions to the eyes in the case of projections.

- Avoid contact with the skin and mucous membranes.
- No smoking, eating or drinking in the premises where the product is used.
- Avoid dust dispersion.
- The appropriate individual protection equipment for each case will be used.
- Persons with sensitive skin backgrounds should not handle this product.
- For more information check the file Product Safety Data File.

TECHNICAL CUSTOMER SERVICE

- It is recommended the appropriate product is used for each application in accordance with the Technical File.
- Please check with our Technical Customer Service in the case of any doubt regarding the selection, handling or application of the different products.
- Our Technical Department will deal with and study each case if it were necessary to use a specific product, according to the use, colour, specifications, etc., or for placing special pieces or formats.

SUPPLY

- 25 kg paper sack with plastic film.

STORAGE AND CONSERVATION

- The product maintains its characteristics in a dry place protected from freezing, humidity, direct sunlight, etc.:
- Sack: 12 months.

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TECHNICAL CHARACTERISTICS

BASIC CHARACTERISTICS

Specification	Value	Test Method
Compression strength	After 2 days	$\geq 7 \text{ N/mm}^2$
	After 7 days	$\geq 23 \text{ N/mm}^2$
	After 28 days	$\geq 30 \text{ N/mm}^2$
Flexural strength	After 2 days	$\geq 5.5 \text{ N/mm}^2$
	After 7 days	$\geq 6.0 \text{ N/mm}^2$
	After 28 days	$\geq 7.0 \text{ N/mm}^2$
Reaction to fire	A1fl	Decisión 96/603/CE
Residual flooring humidity after 10 days	$\leq 2\%$	UNE-EN 772-1

OTHER TECHNICAL DATA

Specification	Value	Test Method
Apparent density when fresh	2.1 g/cm^3	UNE-EN 1015-6
Water for kneading per 25 kg sack of PREFACON02 (considering dry aggregates)	13 kg	-
Application temperature	$5^\circ\text{C} - 30^\circ\text{C}$	-
Application time (according to environmental conditions)	1 hour	-
Corrosion	None	-

NOTE:

Dosage and application outside that described in this file will exclude our responsibility regarding the product and its application.

The results stated were obtained in tests performed under standard conditions and may vary in terms of on site installation conditions.

Please contact our Technical Department for more information.

All the product application indications are based on our current experience and knowledge, with the client being responsible for the final study for on site installation.



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