

FEATURES

Water-based white intumescent paint for the protection of reinforced concrete or brick non-load-bearing brick elements, placed inside or outside in semi-exposed conditions.

PRODUCT PROPERTIES

| | VALUE | METHOD |
|--------------------|---------|---------------|
| SOLID BY WEIGHT | 72% ± 2 | Internal PF25 |
| SOLID BY VOLUME | 66% ± 2 | |
| SURFACE APPEARANCE | MATT | |

| | | |
|-----------------------------------|---|--------------|
| DRYING TIMES (20 °C; 65% R.H.) | Overcoatable 6-8 h; overcoatable with finishing 5 days | Internal PF2 |
|-----------------------------------|---|--------------|

EQUIVALENT THICKNESSES UNI EN 13501-2; UNI ENV 13381-3
To be evaluated based on the existing iron cover and the thickness of the elements to be treated.

SPECIFICATION DATA

| | VALUE | METHOD |
|-----------------|---------------|--------|
| SPECIFIC WEIGHT | 1280-1380 g/l | |

COLOUR RANGE

White.

SHELF LIFE

12 months in the original sealed can, protected from rain and direct sunlight, at 10/40 ° C during transport and storage.

USE

Elements of reinforced concrete not painted and painted (if with water-based paints it is advisable to make an adhesion test thereof); non-load-bearing plaster brick elements.

TOOLS

Brush, short-haired roller; Airless, 0.48 0.58 mm nozzles (19- 23), flow rate 0.6 1.0 l / minute. In the case of airless application, remove all the filters from the pump and the gun.

THINNING

Ready to use

COVERAGE (CONSUMPTION)

Non-load-bearing plastered brick walls: EI120, 1.4 kg / m². Elements in reinforced concrete, depending on the size and value of the iron cover. Brush, Roller min 1.3 m² / kg per layer; (max 0.76 kg / m² per layer); data at 20 ° C, 50% RH Airless min. 1 m² / kg; (max 1 kg / m² per layer), data at 20 ° C, 50% RH In the case of airless application, consider a scrap of about 20%.

APPLICATION TEMPERATURE

+10 ° C +35 ° C. When the room temperature is lower than 10 ° C it is necessary to heat the room (for example the convector heaters) to maintain the temperature 10 ° C during the application and for the next 24 hours.

HUMIDITY

Ensure adequate ventilation to maintain <75% RH. Do not apply the product in the presence of condensation.

COATING SYSTEM

- Elements in reinforced concrete (painted or not)
- Remove any traces of dust, any detaching parts from the jet or other loose or contaminating material. Cleaning with pressure washers may be necessary.
 - Apply Ignibeton Fondo primer (consumption: 125-170 g / m²) or Hydro

Cement Block (consumption: 100-150 g / m²)

- Apply a first light layer (<250 g / m²) of Ignibeton CLS with the various systems indicated, after 4-6 hours from the application of the primer. Apply the successive layers at intervals of about 6-8h, until the required quantity is reached.
- After 5 days from the application of the last layer of Ignibeton CLS, apply a layer of Ignibeton Finitura for approx. 250 g / m²

Non-load-bearing brick elements

- Remove any traces of dust, any detaching parts from the jet or other loose or contaminating material. Cleaning with pressure washers may be necessary.
- Apply Ignibeton Fondo primer (consumption: 125-170 g / m²) or Hydro Cement Block (consumption: 100 150 g / m²)
- Apply a first light layer (<250 g / m²) of Ignibeton CLS with the various systems indicated, after 4-6 hours from the application of the primer.
- Apply the successive layers at intervals of about 6 8h, until reaching the provided quantity.
- After 5 days from the application of the last layer of Ignibeton CLS, apply a layer of Ignibeton Finitura for approx. 250 g / m²

Maintenance

Periodically check the state of integrity of the painting film; in case of damage clean up to the support and restore the protective cycle in the damaged part, reapplying the primer where necessary.

SPECIFICATION ITEM

Pittura intumescente bianca idrodiluibile per la protezione di elementi in cemento armato posti all'interno o all'esterno in condizioni semi-esposte da pretrattare con *Ignibeton Fondo* o *Hydro Cement Block* e sovrapplicare eventualmente con *Ignibeton Finitura*.

INSTRUCTIONS

To carry out the work in a proper way, it is needed to strictly follow the instructions for the preparation of the surfaces contained in the CAP Arreghini Books. This technical information is intended as a rough guide. However, because of the enormous variety of media and application conditions, it is essential to check the suitability of the product and test the effectiveness on a sample. The specification data and technical information have been calculated at +23 °C with relative ambient humidity of 50-65%. In different conditions the data and the time intervals between the two phases of the above reported coating system can vary. Our recommendations on the use of the product are based on observations and accurate research carried out on one's own. The experiences gained in the practical application were also taken into consideration. However, due to the enormous variety of supports and application conditions, it is essential to check the suitability of the product and its effectiveness by tests carried out on the specific construction.