



## PAVILAND® IMPRESO R

High performance mortar for patterned floors

### DESCRIPTION

Powder product which is applied over fresh concrete to form an abrasion resistant monolithic coat, with short-term high mechanical strengths. The finishing, printing or texturing allows traditional flooring to be substituted (cobblestones, natural stone, slate, etc).

### TECHNICAL CHARACTERISTICS

Highly resistant Portland cement-based product, with selected aggregates, pigments and highly pure additives.

### ADVANTAGES AND USES

- Ideal to be used in a wide range of temperatures.
- Permits washing the floor with a pressure washer from very newly laid, even in cold temperatures.
- Walking areas in parks and gardens.
- Good workability.
- Finishes in public squares.
- Streets, pavements, outdoor areas, entrances to residential areas, swimming pools by the beach, city walkways with foot and vehicle traffic, etc.
- High short-, medium-, and long-term mechanical strengths.
- Outdoor sporting areas.
- Car parks.
- High resistance to abrasion.
- Varied range of textures and colours.
- Possibility to combine different patterns and tones simply by varying the mould and colour.
- Unchangeable in every weather condition.

### APPLICATION PROCEDURE

- Prepare the substrate with appropriate concrete reinforcement mesh.
- Protect the areas that must be kept clean.
- Pour on the concrete and smooth with the trowel. Never shake.
- Sprinkle PAVILAND IMPRESO SUPER over fresh concrete, colouring it evenly and avoiding product accumulation or areas with little material.
- Smooth with a telescopic trowel and sprinkle PAVILAND IMPRESO SUPER again in areas that lack material, smooth over with the trowel again.
- Ensure that the product is well hydrated with the concrete water, without adding extra water because this would considerably reduce the mechanical strengths.
- Position the printing moulds over the concrete in plastic state previously applying the demoulding agent (PAVILAND DEMOULDING AGENT).
- Press the moulds evenly so that the pattern on the mould is printed uniformly.
- After 48 - 72 hours (even in low temperatures), clean the demoulding agent from the flooring with a jet of water.
- The application of protection and/or curing resins of PAVILAND RESINA range of products is recommended to prevent the superficial layer from drying too quickly thus avoiding the dehydration of the mortar, especially in conditions of high temperature and/or strong wind.

### RECOMMENDATIONS

- Do not apply in temperature under 5°C nor above 30°C.

# FLOORING

## PAVILAND® IMPRESO R

### PACKAGING AND STORAGE

### TECHNICAL DATA

- Do not apply when there is a risk of frost, rain, strong wind or direct sunlight.
- Use gloves or protective goggles when applying product.
- It is necessary to use a product from the PAVILAND RESIN range after applying as described in the instructions. It is advisable to carry out maintenance every two years, as long as the flooring is subjected to light traffic (pump application is recommended).

25 kg laminated paper bags.

Shelf life: 1 year in sealed original packaging, sheltered from weather conditions and humidity.

(Statistical data obtained under standard conditions)

|                                               |                                             |
|-----------------------------------------------|---------------------------------------------|
| Appearance                                    | Coloured powder                             |
| Bend strength 48 hours                        | >3 N/mm <sup>2</sup>                        |
| Compressive strength 48 hours                 | > 20 N/mm <sup>2</sup>                      |
| Bend strength 28 days (UNE-EN 13892-2)        | >5 N/mm <sup>2</sup>                        |
| Compressive strength 28 days (UNE-EN 13892-2) | > 40 N/mm <sup>2</sup>                      |
| Abrasion                                      | < 400 mm <sup>3</sup>                       |
| Approximate performance (*)                   | 4 - 6 kg/m <sup>2</sup> and mm of thickness |

(\*) The performance can be increased depending on the shade chosen and the colour of the concrete used. For the colour white, consult the technical department.

### LEGAL DISCLAIMER

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