

## Curing Agent for Concrete

# PELÍCURA® PVA

### PRODUCT

PELÍCURA® PVA is a PVA-based product emulsified in water to be utilized as cure membrane for concrete and mortars. It is an economical and ecological alternative which protects fresh concrete and mortars from dehydration provoked by heat and wind, preventing the diminution of resistance and micro fissures.

### SEGMENTS OF USE

- Highway pavements and master pieces as (bridges)
- Airport runways
- Industrial floors
- Sport courts and gas stations
- Newly concreted parts
- Precast items

### APPLICATION

PELICURA® PVA must be applied with a low pressure sprayer on the fresh concrete, as soon as the concrete process is finalized and immediately after disappearance of the exudation water or when the concrete acquires a matte appearance. Upon application, it forms a uniform and transparent film as the curing process develops. It is also possible to use brushes and rollers, but the process can increase consumption, cause blisters or damage the surface.

**Precast items** must be treated immediately after the forms are removed.

**Removal:** after the desired period of cure it is possible to remove the membrane by washing with hot water or brushing the surface with automatic washers.

### PROPERTIES AND BENEFITS

#### Fresh concrete:

- Reduces floor fissures due to the plastic retraction
- Improves hydration of cement
- Avoids moistening the floor with falling water, wet cloths, plastic bags, wet sand, etc.

Because it's water based, it has no strong smell and is not flammable.

#### Hard concrete:

- Prevents loss of strength of concrete
- Increases the durability of concrete
- Is non-toxic
- Avoids plastic shrinkage cracks
- Avoids impregnable dirt after finishing the floor in the process of the work.

### CHARACTERISTICS, PERFORMANCE AND PHYSICAL PROPERTIES

| CHARACTERISTICS         | RESULTS  |
|-------------------------|--|
| Function:               | Curing agent   |
| Chemical base:          | Aqueous emulsion based acrylic PVA                                     |
| Drying time:            | 30 to 40 minutes (at 21°C, 70°F with relative humidity the air of 50%) |
| Appearance              | Milky white liquid   |
| Application temperature | Between 5°C (41°F) and 29°C (84°F)                                     |
| Package                 | Bucket of 20 kg, barrel of 50 kg, drums of 180 kg                      |

**Yield: Depends on the texture and porosity of the surface; the usual quantities are between 150 and 200 g/m<sup>2</sup>.**

### CLEANLINESS AND SAFETY

Use protective glasses and rubber gloves. Direct contact with the skin should be avoided (can cause irritation). In case of contact with the skin or eyes, wash immediately with abundant water and consult a doctor. Keep out of the reach of children and animals.

### PRECAUTIONS

- It is recommended to apply one coat
- Before use always stir the product in order to make it homogeneous
- Do not allow the product to be exposed to temperatures below 7°C (45°F), or it will lose its properties
- For best results apply the product between 7°C (45°F) and 29°C (84°F)
- Do not apply over exudation water
- Do not dilute the product

### STORAGE

PELICURA® PVA must be stored in a dry and ventilated location in original unopened package.

### EXPIRATION

12 months