

## Curing Agent for Water-soluble Concrete

# PELÍCURA® HS

### PRODUCT

**PELÍCURA® HS** is a ready-to-use liquid-based curing agent with synthetic resins and special additives which when applied to concrete forms a protective non-adherent film, transparent and glossy, whose main function is to prevent rapid evaporation of the mass of the concrete exposed to heat and wind, preventing the reduction of resistances and the formation of cracks, fissures and carbonation.

**PELÍCURA® HS** is easily removed with water without use of abrasive equipment or chemicals. It is ideal to be applied on new floors which will receive chemical hardeners, paint and epoxy coats.

**PELÍCURA® HS** conforms to ASTM Standard C309.

### SEGMENTS OF USE

- Concrete floors that need curing with easy removal;
- Industrial floors, highways.

### APPLICATION

**PELÍCURA® HS** should be applied with low pressure spray on the fresh concrete, once the concrete process is finalized and immediately after disappearance of the exudation water or when the concrete acquires a matte appearance.

It is also possible to be applied with a foam squeegee or paint roller.

**Removal:** after the desired period of curing the membrane is easily removable with water and scrubbing it with a broom.

It is not necessary to use a pressure washer, chemical removers or a mechanical scraper.

### PROPERTIES AND BENEFITS

#### Fresh concrete:

- Reduces cracking of the floor due to the plastic retraction;
- Improves hydration of cement because it is water based, the product has no irritating smell and is not flammable.

#### Hard concrete:

- Prevents loss of strength of concrete;
- Increases the durability of concrete;
- Avoids plastic shrinkage cracks;
- Does not alter the color of the floor where it is applied;
- 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:	Emulsion of synthetic resin
Drying time:	30 to 40 minutes (at 21°C, 70°F with relative humidity the air of 50%)
Appearance	Transparent milky liquid
Application temperature	Between 5°C (41°F) and 29°C (84°F)
Package	Bucket of 20 kg, barrel of 50 kg, drums of 200 kg

**Yield:** Depends on the texture and porosity of the surface; the usual quantities are between 250 and 300 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 5°C (41°F), or it will lose its properties
- For best results apply the product between 5°C (41°F) and 29°C (84°F)
- Do not apply over exudation water
- Do not dilute the product

### STORAGE

**PELÍCURA® HS** should be stored in a dry and ventilated location in original unopened package.

### VALIDITY

9 months