

PRODUCT DESCRIPTION

PlekoCure RX is a single component, non-degrading, spray-on curing and sealing compound based on acrylic resin. This special formulation forms a protective hard, yet flexible clear membrane that effectively retains moisture in concrete to ensure full hydration of cement; resulting in optimum strength development and cleaner dust free surface. It is none yellowing and resists to UV and acts as a primer system for many subsequent surface finishes that do not rely on penetration for substrate bond.

USES

Mainly used for newly cast concrete and cementitious surfaces to simultaneously cure and seal new interior or exterior as well as vertical or horizontal surfaces.

Typical applications include high rise construction, water tanks, runways and roads, roof decks, floor slabs...

APPROVED SUBSTRATES

Can be used on concrete and cementitious surfaces.

PACKAGING

20kg or 180Kg/200Ltr Drum

COVERAGE

4 to 5.5 m²/L

Manufacturer does not warrant square meter coverage, which can vary greatly according to application techniques.

PROPERTIES

- **One component, Easy to use**
- **Promotes a harder dust-free surface**
- **Minimizes surface cracking and shrinkage**
- **Resistant to hydrolysis**
- **UV resistant**
- **Improved Durability & Abrasion Resistance**
- **Suitable for Internal & External use**

TECHNICAL DATA

Appearance	Transparent
Specific Gravity (Kg/L ± 0.5)	0.90 - 0.95
Water Retention Test	Pass
Solubility	immiscible in water, soluble in aromatic hydrocarbons

Comply to ASTM C309 Type 1 Class B

INSTALLATION

MIXING

Mix thoroughly until uniform consistency taking special care to avoid excessive up and down motion with drill and blade.

SUBSTRATE PREPARATION

Surface must be sound, clean, dry, free of bond-inhibiting materials such as paint, grease, oil, efflorescence, form release agents and curing compounds. All porous surfaces should be presoaked with clean water prior to application.

Exposed steel reinforcements should be treated by adequately removing any corrosion and protected by epoxy coating then allowed to dry.

APPLICATION

Spray PlekoCure RX onto freshly laid concrete or cementitious topping to avoid rapid evaporation of water. Do not apply if bleed water is forming, or is present on the concrete surface. In the case of formed concrete, the product should be applied immediately on removal of the formwork

Apply multiple passes of fine spray to completely cover surface. Pump pressure should be maintained to give an even, fine spray. For floor areas where maximum chemical and wear resistance is required, it is recommended that a second coat be applied after 24 hours.

PlekoCure RX will act as a primer for subsequent coats and can be over coated with polymer modified cementitious coatings, acrylic paints, cementitious mortars, or bituminous emulsions... For systems that requires strong penetration for substrate bond, it is recommended to remove curing agent by water jetting or light sand blasting before application.

LIMITATIONS

Apply only to unfrozen surfaces above 4 °C (40°F). Maintain minimum 4 °C (40°F) ambient temperature for 24 hours after application. Do not allow to freeze. Do not apply to substrates which are wet from dew or rain. Must be protected from rain and freeze until hardened.

CLEANING

Clean all equipment with solvent immediately after use.

STORAGE

Store in cool, dry, well-ventilated area, protected from freeze, heat and direct sunlight and at a temperature between 4°C (40°F) and 38°C (100°F), in tightly sealed original container. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. Storage time must not exceed one year.

HEALTH AND SAFETY

Avoid contact with eyes and skin, treat splashes to eyes and skin immediately. Prevent inhalation of fumes. For detailed information refer to relevant material safety data sheet.

The product is flammable. Do not expose to naked flames or other sources of ignition.

Attention

This product is intended for use by qualified professional contractors, as a component of a larger construction system and specification. It should be installed in accordance with given instructions and specifications. Information listed above reflects the criteria for our internal quality test and practical experience. Results depend on listed instructions and consumer skills and are therefore out of our responsibility whether expressed or implied. All values are valid for the product when dispatched from the plant. We reserve the right to change any given specification without notice.