



### DESCRIPTION

**PACTOCure RB** is a ready to use curing, sealing and protective membrane for concrete, formulated with specially selected hydrocarbon resin.

When applied to fresh concrete, the product dries to form a continuous coating inhibiting moisture loss from the concrete thus improving the hydration process and providing increased durability of concrete. The cured concrete will exhibit a dust free surface with a reduced incidence of drying shrinkage.

**PACTOCure RB** also acts as a primer for subsequent coatings therefore the need for complete removal of the curing membrane is avoided in most cases; except in areas, subject to traffic, where proper surface preparation must be engaged.

### STANDARDS CONFORMITY

**PACTOCure RB** conforms to the following standards ASTM C309 Type 1 (clear without dye), type 1-D (clear with fugitive dye) , Type2 (white pigmented), Class B ( resin base) & BS 8110-1

### TYPICAL USES

- As a membrane for concrete to provide adequate and effective curing
- As a primer/ sealer to subsequent coatings
- In high rise construction - to eliminate requirement for water curing.

### ADVANTAGES

- Seals surface and protects against early staining
- Minimal delay for over coating
- High curing efficiency
- More effective cement hydration providing more durable concrete
- Spray applied

- In some cases, subsequent coatings can be applied directly over the membrane without the need for expensive surface preparation
- Minimizes surface cracking and dusting
- Reduces labor costs
- Reduces Shrinkage and improves permeability
- Non degrading
- Compatible with PACTORep range of repair

### TYPICAL USES

| PROPERTY          | TEST METHOD           | VALUE                           |
|-------------------|-----------------------|---------------------------------|
| Component         |                       | Single Component                |
| Form              |                       | Liquid                          |
| Colour            |                       | Clear, White, Aluminized        |
| Specific Gravity  | ASTM D1475            | 0.82 ± 0.02                     |
| Curing Efficiency | BS 7542<br>ASTM C 156 | >90%<br><0.56/kg/m <sup>2</sup> |
| Drying Time       | ASTM C309             | 10-20 Mins.                     |
| Coverage          |                       | 4.5 to 6.0m <sup>2</sup> /ltr.  |

### APPLICATION

#### SURFACE PREPARATION

Concrete surface should be free from mould release agents, standing or bleed water and other impurities.

**PACTOCure RB** should be mixed properly and spray applied directly from the container. Confirm the surface to be free from water. Apply to formed concrete on striking the mould. The nozzle of the knapsack spray unit should be kept at approximately 0.5 meter from the concrete surface. Ensure complete and even coverage of the area being treated.

The membrane should not be disturbed until the concrete has gained sufficient strength to accept light foot traffic.



**NOTE: PACTOCure RB** doesn't affect the bonding between the substrate and the subsequent finish such as repair mortars tile adhesives, water based paints, bituminous emulsions, epoxy & PU based products. For other types of subsequent coats, bond strength needs to be verified by onsite testing.

### PACKAGING AND YIELD

**PACTOCure RB** is supplied in 5 ltr., 20 ltr. and 200 ltr. drum.

Coverage rate varies from 4.5 to 6.0 m<sup>2</sup>/litre, depending on the surface finish, porosity and texture.

### EQUIPMENT

Any type of knapsack spray unit is acceptable providing the spray produced is the form of mist.

### EQUIPMENT CLEANING

Tools and equipment to be cleaned using PAC cleaning fluid immediately after use.



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