

# TECSY-CURE- R-234

## RESIN BASED CURING COMPOUND

### DESCRIPTION

TECSY-CUR R-234 is ready to use clear membrane curing compound based on selected acrylic resins, which when applied to freshly placed concrete surfaces provide an efficient curing membrane with excellent non yellowing properties. It complies with ASTM C 1315, Type 1, Class B.

### PHYSICAL PROPERTIES

Colour	Milky White (dries to a translucent film)
Specific Gravity	1.00 ± 0.02
Flashpoint	Non-Flammable
Viscosity	Low (sprayable)
Toxicity	Non-Toxic
D.G. Classification	Non-Hazardous
Shelf Life	12 months in unopened containers as supplied
Coverage	upto 10m <sup>2</sup> to 15m <sup>2</sup> (107ft <sup>2</sup> -160ft <sup>2</sup> ) per litre depends on surface

### PRODUCT HIGHLIGHTS

- Ensures high curing efficiency allowing concrete to attain its full strength potential
- Reduces surface absorption and dusting of concrete for easier cleaning and maintenance
- Retains moisture in concrete to minimize shrinkage cracking.
- Compatible with most carpet and tile adhesives
- Semi-gloss appearance so surfaces look newer and brighter.

### HOW TO APPLY:

- TECSY-CURE-R-234 can be applied by spray (ideally use agriculture spray gun for better coverage ). Application tools must be free of any other previously applied material. Aim for an even films and avoid pinholes which can allow undesirable moisture loss. Uniform application is best obtained by spraying half the recommended quantity in one direction over the whole work and the remainder at right angles.
- Apply to exposed concrete surfaces as soon as the sheen of moisture brought to the surface by final screeding or toweling has disappeared, but while the concrete is still damp. If brushes are used and the concrete is still wet enough to be marked by the brush it is too early to apply the curing compound.

If a delay is unavoidable, moisten the concrete by light spraying until the surface will not readily absorb more water, allow the sheen to disappear and apply TECSY-CURE – R-234

- Saw cuts should be treated with **TECSY-CURE-R-234** immediately after cutting as significant moisture loss can occur in these areas. Check for compatibility with joint sealants, if they are to be used.
- For curing previously boxed columns etc., spray with water as soon as formwork is removed and then apply **TECSY-CURE-R-234**.
- Clean up equipment with water and detergent before product dries. Keep sprayer nozzles dipped in water between spraying operations, then clean completely once finished.

#### **PRECAUTIONS**

- Stir well before use.
- Apply a second coat of **TECSY-CURE-R-234** once dry of First coat.
- Wear resistance of the dry **TECSY-CURE-R-234** film is related to the thickness of the film, the type of traffic and end-use conditions of the treated surface. A thicker film (lower coverage rate) will provide more wear resistance than a thin film.
- If it is necessary to remove **TECSY-CURE-R-234** from the concrete surface at a later date, then evenly distribute clean, dry fine silica sand onto the surface. Use a commercial floor scrubber fitted with a synthetic abrasive pad and lightly sand the **TECSY-CURE-R-234** until it is removed. Use care - avoid scratching or abrading the concrete surface.

#### **STANDARDS**

- **TECSYCURE-R-234** conforms to ASTM C 309 Type I, Class A or B. ASTM C 1315, Type I, Class B, Corps Of engineers CRD-C304, Type I, Class A or B, AASHTO M-148.

#### **STORAGE**

Store in Unopened containers in a clean, dry area between 4 and 29°C. Keep from Freezing

#### **PACKAGING**

50kg carbouys and 200kg drums.

