

# W.B. Resin Cure

V.O.C. Compliant Resin Curing Compound

## Description

*W.B. Resin Cure is a water emulsified, all resin based liquid membrane forming curing compound for freshly poured concrete. W.B. Resin Cure forms a continuous membrane that controls curing for strong and durable concrete. W.B. Resin Cure is formulated to comply with VOC content limits, as required by Air Pollution Control Regulations on Architectural Coatings.*

## Manufacturer

Conspec  
636 S. 66th Terrace  
Kansas City, Kansas 66111

**Customer Service** (800) 348-7351

**Technical Service** (877) CONSPEC

## Use

Applied to fresh concrete, W.B. Resin Cure forms a vapor sealing membrane which retains more than 95% of the reactive moisture for three or more days. W.B. Resin Cure may be applied on interior, exterior, horizontal, vertical, fresh or aged surfaces.

W.B. Resin Cure is formulated as a dissipating type curing compound. It is suitable where solvent based curing compounds are not desirable or allowable.

## Benefits

- Ready to use. No thinning is necessary or desirable
- W.B. Resin Cure is white when applied and dries to an amber color
- Once film has dissipated, W.B. Resin Cure is compatible with most paints, sealers, coatings and floor covering adhesives
- Cures and dustproofs in one operation

## Applicable Standards

ASTM C-309, Type I, Class A and B  
AASHTO M-148, Type I

Also available in Type ID (Red fugitive dye).

## Architectural Specifications

*Dissipating Resin Curing Compound:* Immediately after final trowel or finish, apply an approved curing compound. Material must comply with ASTM C-309, Type I, Class A & B. The cured film must chemically start to break down in four to six weeks under normal construction traffic. Approved product: Conspec W.B. Resin Cure or approved equal.

## Application

Agitate thoroughly before use. Application equipment must be clean and free of foreign materials. Apply with a clean

brush, roller or sprayer. For best results, a spray application is the preferred method. Application temperatures above 40°F are recommended. Areas that are to be caulked should be masked. Do not pond or puddle. Coverage will vary depending on the texture and porosity of the concrete. Apply at a rate of 200 sq. ft./gallon as soon as the surface moisture from the final trowel has disappeared.

W.B. Resin Cure may be applied at lower substrate temperatures above freezing but extended cure time is required. Do not apply at lower substrate temperatures at or below freezing or when such temperatures are expected within six hours following application.

W.B. Resin Cure is formulated as a dissipating type resin. The rate of dissipation is dependent upon climatic conditions, rate of application and exposure to ultraviolet light. Under normal conditions, chemical and physical breakdown will start in 4-6 weeks.

Early removal of residual W.B. Resin may be removed with Conspec Orange Peel, or any type of dry abrasive or sanding pad.

## Test Data

### Specification Compliance:

Complies with all specification requirements of ASTM C-309, Type I, ID, Class A & B and AASHTO M-148 Type I including:

#### Moisture Loss

Applied at 200 ft<sup>2</sup>/gal.  
Test Requirement

#### Test Results

.53 kg/m<sup>2</sup>  
.55 kg/m<sup>2</sup> max.

Tools and equipment may be cleaned with warm water and soap.

## Packaging

55 gallon drums (208.2 L)

5 gallon pails (18.9L)

1 gallon cans (6 to a case)(3.8L)

## First Aid

*Internal:* If swallowed, immediately call physician, hospital emergency room or Poison Control Center. Do not induce vomiting. *External:* Wash with soap and water.

## Limitations/Precautions

Do not allow to freeze. Store in warm place. Do not mix with solvent, diesel fuel or other thinning agents. Avoid prolonged contact with skin. Do not apply over pigmented concrete.

**Caution...Combustible.** Contains petroleum distillates. Keep out of reach of children. Do not take internally. Do not breathe vapors. Avoid prolonged contact with skin. If swallowed, do not induce vomiting - call physician. If splashed in eyes, wash repeatedly with clear water and call physician. Keep away from heat, sparks and open flame.

*Recommended safety equipment:* Rubber gloves, goggles and if applied in areas of poor or inadequate ventilation, use mine safety appliances, mask and canister:

*Organic Vapor Mask*

(No. 457081)

*Organic Vapor Canister*

(No. 77705GAM)

*Threshold limit value:* 100 PPM.

Ventilation system should be capable of exchanging total air volume in application area in 30 minutes or less.

Over application of material may extend dissipation time and cause temporary discoloration.

Avoid hazards by following all precautions found in the Material Safety Data Sheet (MSDS), product labels and technical literature. Please read this information prior to using the product.

## V.O.C. Content

Less than 350 g/l. Complies with Federal V.O.C. standards for Concrete Curing Compounds. Do not thin or dilute.

## Warranty

Conspec warrants, for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Conspec, the product is free of manufacturing defects and conforms to Conspec's published specifications in force on the date of acceptance by Conspec of the order. Conspec shall only be liable under this warranty if the material has been applied, used, and stored in accordance with Conspec's instructions in this technical data sheet. The purchaser must examine the product when received and promptly notify Conspec in writing of any non-conformity before the product is used, or no later than 30 days after such non-conformity is first discovered. If Conspec, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Conspec officer is authorized to modify this warranty. The sales information on the Conspec website and received by the customer during the sales process does not supersede this warranty and the specifications of the product in force on

the date of sale. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

### Limitation of Liability

Conspec shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, this Agreement, even if Conspec could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this agreement, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

## Storage

W.B. Resin Cure should be stored in tightly sealed original factory containers. Store in a horizontal position to prevent moisture accumulation on the drum head.

## Technical Service

Complete technical and specification services are available from the manufacturer and their authorized representatives and distributors.

## Filing System

Additional literature and the Material Safety Data Sheet can be obtained from Conspec upon request.