



IPA SYSTEMS

# DURICURE SEALER

Cure and Seal Emulsion for Concrete



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## QUALITY PRODUCTS FOR THE CONCRETE /MASONRY REPAIR INDUSTRY

### Description

**DURICURE SEALER** is a water emulsion of Styrene Acrylate copolymers. This product provides a cure and seal for freshly placed concrete, while assuring total resistance to yellowing from ultraviolet exposure. It is ideal for concrete where VOC requirements or safety concerns make solvent based systems inappropriate.

### Where to Use

**DURICURE SEALER** provides a totally clear membrane for new or old concrete. It will make clean up at the end of the job much easier. Can be utilized in interior or exterior applications.

### Advantages

- ◆ Made in America
- ◆ VOC Compliant, Complies with ASTM C-309, Type 1 or ID, Class A & B
- ◆ Dries clear
- ◆ Built in freeze/thaw protection
- ◆ Economical and easy to apply

### Coverage

Curing / Sealing:	
New Concrete	200 - 300 sq ft / gal    4.9 - 7.4 sq m/ L
Sealing / Dustproofing:	
Old Concrete	300 - 400 sq ft / gal    7.4 - 9.8 sq m/ L

### Packaging

Available in 5 gallon (18.93 L) and 55 gallon (208.18 L) containers. Shelf Life 1 year in unopened container.

### Technical Data

75°F & 50% R.H.	NVM 15%
Color:            Wet: White, Dry: Clear	Odor:            Slight solvent
Viscosity:        40-90 cps	Dry Time:        1-2 hours
VOC Content:    < 350 g/L	Recoat Time:    2-24 hours
Specific Gravity: 1.01	Wheel Traffic:   6-10 hours
Flash Point:     >500°F	Foot Traffic:     2-4 hours
Moisture Loss: <0.45 kg/m <sup>2</sup> (ASTM C-156)	

### Surface Prep

Surface to be treated must be cleaned of any film, scale, loose material, oils, grease, dust, dirt, laitance, efflorescence, oil-based curing membranes or form release agents, paint, unsound concrete and any other material that will prevent penetration.

### Application

Apply evenly with clean sprayer with nozzles specifically designed for curing compounds, such as Chapin nozzle # 1-5937 or equal. Apply as soon as the surface is sufficiently hard so that it will not be marred. Do not puddle. Short napped rollers may also be used.

If using as a curing compound, apply as soon as finishing operations are completed and the surface will not be marred by the application. If applying to preexisting concrete, the surface should be pre-dampened with clean water. Do not apply over puddles. A pre-dampened surface helps to provide a glossy, uniform surface. Subsequent coats should be applied on top of *dry* Duricure Sealer.

IPA SYSTEMS, INC

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### Precautions

Duricure Sealer and the substrate must be at least 42°F before application. This product is not designed for immersion in strong chemicals or prolonged exposure to gas. If applied too thick, the film will not dry properly and will leave a white film. Do not subject the coating to rain or water until it dries hard. All clear sealers produce an uneven gloss on existing concrete due to uneven porosity of the surface. Never apply over puddles. Although compatible with many carpets, tile and floor covering adhesives, a test section is recommended for questionable adhesives. This material is freeze/thaw stable. However if exposed to freezing, stir well before use. Read Material Safety Data before using.

### Clean-up

Clean equipment with clean water before the product dries. After drying, Curing Compound Remover or strong solvents, such as Xylene, MEK, or Toluene will soft and help to remove the film.

### Caution

#### **FOR INDUSTRIAL USE ONLY:**

In accordance with federal regulations, do not apply unless Material Safety Data Sheet (MSDS) is available on-site. Consult MSDS before using this product. Product is highly alkaline. If contact with eyes or skin occurs, flush immediately with copious amounts of water and contact a physician. If swallowed, induce vomiting and CONTACT A PHYSICIAN IMMEDIATELY.

### Warranty

This product is warranted and guaranteed to be of good quality. Manufacturer, as its sole and exclusive liability hereunder, will replace material if proved defective. This warranty and guarantee are expressly in lieu of all others, express or implied, including any implied warranty of merchantability or fitness for a particular purpose and may not be extended by representatives or any persons, written sales information, or drawing in any manner whatsoever. While the manufacturer recommends uses for the product based on tests believed reliable, no warranties, express or implied, or guarantee can be given as to particular methods of use or application, nor can performance be warranted, expressly or impliedly, or guaranteed under special conditions. Distributors, salesperson or company representatives are not authorized to extend or vary any warranties or guarantees beyond those outlined herein nor may the manufacturer's or seller's limitation of liability be waived or altered in any manner whatsoever.

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