



IPA SYSTEMS

# IPANOL DECK SEAL

Lo-Mod / Low Viscosity Epoxy Healer / Sealer



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## QUALITY PRODUCTS FOR THE CONCRETE /MASONRY REPAIR INDUSTRY

**Description** IPANOL DECK SEAL is a 100% solids, low modulus, low viscosity highly penetrating, epoxy polymer. When applied to cracked concrete parking decks and elevated slabs, it will seal the cracks against the intrusion of chlorides and moisture, protecting the concrete from degradation and the corrosion of steel reinforcements

**Where to Use** IPANOL DECK SEAL is ideal for sealing interior concrete slabs, parking decks, bridge decks, loading docks and pedestrian walkways.

- Advantages**
- ◆ Made in America
  - ◆ Low modulus formula for moving cracks
  - ◆ Low viscosity for deep penetration
  - ◆ Compatible with Ipanol E-Flex Epoxy Overlay System

**Coverage Rate** 100 to 150 square feet per gallon depending on the profile and porosity of the substrate.

**Packaging** 3 gal./11.36 L units - 15 gal./56.78 L units  
 Shelf Life: 2 years in original unopened container  
 Storage Conditions: Store at 40° - 95°F (5° - 35°C).  
 Condition material to 65° - 85°F (18° - 29°C) before using.

**Technical Data**

Viscosity:	ASTM-2393	85 cps
Gel time:	ASTM-881	25 minutes
Tensile Elongation	ASTM D-638	80%
Tensile Strength	ASTM D-638	1,500 psi
Bond Strength	ASTM D-882	2,000 PSI (14 day cure)
Absorption	ASTM D-570	0.2%
Adhesive Strength	ACI 503 R	300 psi (100% concrete failure)
Shore D Hardness	ASTM D-2240	60
Shrinkage	ASTM C-883	Pass
Thermal Compatibility	ASTM C-884	Pass
VOC Content:	0 g/L	

Appearance: Available in gray or clear  
 Mix Ratio: 2:1 by volume  
 Gel Time (60 g mass): 30 min at 73° ± 2°F (23°C) VOC content: less than 50 g/L

**Surface Prep** Clean surface by shot-blasting or sandblasting to create a bonding profile and to remove curing compounds and all contaminants (dirt, oil, grease, laitance, etc.) Remove dust and debris by blowing off with oil-free compressed air.

**Mixing** Mechanically mix two parts by volume of component A and one part by volume of component B with a Jiffy mixer and low-speed drill at 300 rpm for a minimum of three minutes, moving mixer around edges of container to ensure complete mix. Mix only the quantity that can be used within its gel time.

**Application** Apply by pouring IPANOL DECK SEAL on to the deck surface. Distribute the material evenly with a squeegee or a broom by maintaining a liquid head over the cracks during distribution. Continue the application over the cracks until refusal. Remove all excess material with a squeegee, or a broom on textured surfaces. While still tacky, broadcast oven-dried silica sand at a rate to allow even coverage and provide proper skid resistance.

IPA SYSTEMS, INC

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### Limitations

- ◆ Minimum material, surface and ambient temperature must be 55°F and rising
- ◆ Material is a vapor barrier
- ◆ Do not thin with solvents. Solvents will prevent proper cure.
- ◆ Minimum age of concrete should be 28 days
- ◆ Not for exterior slabs on grade.

### Clean-up

Ventilate area. Confine spill. Collect with absorbent material, flush area with water. Dispose of in accordance with current applicable local, state and federal regulations. Uncured material can be removed with Citrus Cleaner or other approved solvent. Cured material can only be removed mechanically.

### Caution

#### FOR INDUSTRIAL USE ONLY:

**Component "A" Irritant:** Prolonged contact with skin may cause irritation. Avoid eye contact. **Component "B" Corrosive:** Contact with skin may cause severe burns. Avoid skin contact. Product is a strong sensitizer. Use of safety goggles and chemical-resistant gloves is recommended. Avoid breathing vapors. Use adequate ventilation. Use of a NIOSH/MSHA organic vapor respirator recommended if ventilation is inadequate.

**FIRST AID** Remove contaminated clothing. For eye contact, flush immediately with plenty of water for at least 15 minutes; contact physician immediately. For respiratory problems, remove person to fresh air. For skin contact, remove epoxy immediately with a dry cloth or paper towel. Wash area of contact thoroughly with soap and water. **Solvents should not be used** because they carry the irritant into the skin. Wash clothing before re-use. Cured epoxy resins are innocuous.

### 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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