# WB Jet Epoxy

## Two-Component Water Base Epoxy

TECHNICAL DATA SHEET

### PRODUCT DESCRIPTION

WB Jet Epoxy is a water-based epoxy curing agent that lets you create unique microporous systems that are breathable and water vapor permeable preventing delamination and blistering. This means floors can be laid and returned to service quickly, without the extra costs involved with reducing moisture content of the concrete. It is based on a polymeric emulsion and, as a result, provides superior performance for a wide range of applications. It has been developed primarily for use with liquid epoxy resins, out performing solid emulsion-based systems by offering the capability to formulate systems with zero VOC and without resin emulsifiers.

### WB JET EPOXY PHYSICAL PROPERTIES

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|---|---|---|
| Flex Modulus | ASTM D624 | 450 kpsi |
| Tensile Strength | ASTM D412 | 8610 psi |
| Elongation | ASTM D412 | 15% |
| Heat Deflection Temp. | ASTM D648 | 145°F |
| Taber Abrasion CS18 | ASTM D4060 | 80 mg |
| Pot Life | Time | 8 hours max |
| Mix Ratio | PBV | 2A – 1B |

### MIX RATIO

Read product labels and application instructions prior to use. Mix WB Jet Epoxy Hardener (A-Side) and Epoxy Resin (B-Side) at a ratio of 2A – 1B by volume. Mix with a variable speed drill utilizing a Jiffy Mixer to suspend any settled pigment and attain a uniform color. If A-Side is pigmented, make sure to mix thoroughly before mixing A-Side with B-Side as pigment may have settled at bottom of container with time.

### HEALTH AND SAFETY

Read the Safety Data Sheet (SDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

### ADHESION RESULTS OF TYPICAL SUBSTRATES (ASTM D-4541

| | | |
|---|---|---|
| Concrete – Clean | >300 psi | Concrete cohesive failure; excellent boding |
| Steel – Clean | >1000 psi | Excellent bonding |
| Wood – dry/dust free | >250 psi | Wood failure; excellent bonding |

### TECHNICAL APPLICATION DATA

Substrates must be fully cured and cleaned prior to any coating operation. The cleaning operation must not leave any residual detergents, acids or alkali cleaners. Concrete flooring should be prepared with shot blasting (SPCC min. 2), diamond grinding and/or machine sanding depending on severity of concrete surface condition. When using WB Jet Epoxy for coating steel, substrate should be shot blasted to an sspc 4-6 mils profile. After shot blasting, the substrate should be clean and dry. There should be no visible rust prior to coating. After substrate is properly prepared, WB Jet Epoxy self-priming material should be applied within 45°F to 100°F. It is recommended that WB Jet Epoxy be applied as a primer coat to the bare substrate which will actively penetrate any porous surface. Primer coat should be applied at 4-6 mil thickness. After the prime coat is dry to the touch, apply the WB Jet Epoxy base coat. Coverage at 8 mils is 300 sq. ft. / mixed gal.

### WARRANTY



www.superskinsystems.com

100 Petty Road, Suite C | Lawrenceville, GA 30043
PH: 404-216-4711 | 404-229-8343