



Architectural Art Mfg.

A division of Pittcon Architectural Metals, LLC

Tech Data Sheet

Trowel Grade Long Pot Life Epoxy

DESCRIPTION:

JointCrete® Epoxy LP Trowel Grade, is a 100% solids, two-component, moisture insensitive, thixotropic epoxy resin adhesive. mixed at a 2:1 ratio by volume produces a non-sagging material that is ideal for repairs on vertical or overhead surfaces. **Epoxy LP** meets or exceeds the requirements of ASTM - C881-87, Types I, II, and IV, Grade 3 Class "B" and "C"

ADVANTAGES:

Epoxy LP has a long pot life for high temperature applications. It will bond to wet or dry surfaces. It may be feather-edged, and will not shrink. It has excellent resistance to gasoline, oil, sewage, and aggressive water.

WHERE TO USE:

Jointcrete® Epoxy LP is to attach WES Series Elastomeric Seals to concrete substrates.

PHYSICAL PROPERTIES:

| | |
|--------------------------------|-------------|
| Pot Life (neat) @70°F (21°C) | 60 minutes. |
| Tack-free Time (15 mils thick) | 8 hrs. min. |
| Final Cure | 7 days |

PHYSICAL PROPERTIES AFTER CURE

| | | |
|----------------------|---------|-----------|
| Compressive Strength | | |
| (ASTM C-109) | 7 days | 7,100 psi |
| | 14 days | 9,500 psi |
| Tensile (neat) | 7 days | 1,200 psi |
| ASTM C-307 | 14 days | 1,400 psi |
| Tensile (neat) | 7 days | 3,000 psi |
| ASTM D-638 | 14 days | 3,700 psi |

Epoxy LP, when tested against normal setting epoxy resins with 1/2 hour pot life at 70°F (21°C), should be tested at 7 days; if specimens are cured at 90°F (32°C), they can be tested at 3 days.

APPLICATION:

Surfaces must be clean and sound. Remove rust, grease, and curing compounds by best means available. **Epoxy LP** may be applied to dry, damp, or wet surfaces, but not in standing water. Apply at a rate of 100 sq. ft. (9.29 sq. meters) per gallon on smooth surfaces when bonding new concrete to old. Coverage will be less on rough surfaces.

SHELF LIFE: 2 years

LIMITATIONS:

The temperature of the components of **Epoxy LP** must be in excess of 60°F (16°C) when mixed to achieve proper cure. Application to surfaces with a temperature below 55°F (13°C) greatly prolongs cure.

Packaging: 1 unit contains 1 quart A, 1 Pint B

CAUTION:

A Component contains epoxy resin. **DANGER!** B Component contains alkaline amines; strong sensitizer. May cause skin sensitization or other allergic responses. Use with good ventilation, particularly if material is heated or sprayed. Prevent all contact with skin or eyes. Wear protective clothing, goggles, gloves and/or barrier creams. Keep container closed when not in use. Wash thoroughly after handling.

FIRST AID:

In case of skin contact, immediately wash with soap and water. in case of eye contact, flush eyes with copious amounts of water for at least fifteen (15) minutes. Remove contaminated clothing shoes. If irritation persists, seek medical attention. Wash clothing before reuse.

FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN 5/2009