



## SL-9

### Description: 100% Solids Industrial & Commercial Epoxy Floor Coating

SL-9 is a 100% solids, advanced technology of diglycidyl ether of bisphenol-A resin reacted with a modified multiple ring cycloaliphatic amine adduct activator. The resulting polymer structure is extremely tough with very good

chemical resistance to corrosive waters and various

other chemicals. SL-9 is resistant to

blush and water spotting with convenient pre-

measured kits, 2:1 ratio and overnight cure. SL-9 is

an attractive epoxy floor coating designed to provide

penetration, wetting and sealing of substrates and

surfaces for improved appearance and protection. It

is formulated to be hard, durable, impact and

abrasion resistant. The primary use of this 2:1 ratio

product system is for industrial floor coatings,

industrial work areas, shops, show room floors,

commercial floors and forklift traffic work areas.



**Preparation:** Concrete must have a minimum 28 day cure

prior to application. Remove any curing agent, form amine

release materials, oils, wax, moisture or any material that

may affect bonding. \*Perform a Moisture Vapor Test

before making the coating application on concrete. Clean

by abrasive "brush-off" blast. Provide rough profile

minimum 2 mils. Review ASTM D4259 Abrading Concrete

and ASTM F1869 Measuring Moisture Vapor Emission.

Seal/repair all bug-holes, cracks and spalls, see Premier

data sheets on JF-4 (joints). Use a primer

over filled cracks and voids. Do not apply SL-9 to floors

that have not been properly repaired, treated and primed

or that do not have a pH of 7-8.5. Remove all old coatings.

### Advantages

- ✚ Protective attractive color coat epoxy flooring system
- ✚ Designed to seal floors against abrasion, water, oils and chemicals
- ✚ Good Color stability
- ✚ Suitable for USDA Inspected Facilities



## Properties

|                            |                    |
|----------------------------|--------------------|
| Appearance                 | Clear or pigmented |
| Viscosity;                 | 350 to 600 cps     |
| Gel Time, 100g:            | 30 min to 1 hr.    |
| Techne GT-3 Gelation Timer |                    |

|                             |                                      |
|-----------------------------|--------------------------------------|
| Thin Film Set Time:         | 4-7 hr. BK Drying Recorder Phase III |
| Hardness Shore D:           | 70 Din 53505                         |
| Compressive Strength, [MPa] | 70                                   |
| Compressive Modulus, [GPa]  | 2.0 ISO 604                          |
| Tensile Strength, [GPa]     | 52                                   |
| Tensile Modulus, [GPa]      | 2.7 ISO 527                          |
| Flexural Strength, [MPa]    | 94                                   |
| Flexural Modulus, [GPa]     | 2.1 SO 178                           |

Heat Distortion Temperature C 50 ASTM D648

Carbamation Test (scale 1 to 5) 5

- Add aggregate to refusal for non-slip properties

**Thinning:** Xylene(out of CA), use sparingly for desired applicationresult. Test before using on a large area.

**Temperature Range:** 35°F to 125°F (air and surface) and 5°F above dew point.

**Packaging:** 3 gallon kits and 15 gallon kits.

**Pigment Colors:** Medium Gray, Clear, Tile Red,

**Limitations:** Hot conditions: the product may set faster in hot conditions and slower in cold conditions. Keep out of direct sunlight and store the product kits on wood pallets at room temperature. Wear protective clothing, goggles and NIOSH cartridge mask. This product is for use by professional applicators only. Read MSDS before using this product. DOT/Flash Point – Non-flammable Liquid Classification. Warranty: See

Premier Surfaces Inc. Warranty data sheet. (8/10) Product data sheets subject to change without notice.

## Theoretical Coverage:

1604 sq ft/ Gl at 1Mil.

160 sq ft/ Gl at 10 Mils.