



SPECIALIZED INDUSTRIAL MATERIALS

Product Data Sheet

LP/75™

Ambient Cure Spray Polyurea

USGBC LEED, EQ Credit 4: Low-emitting VOC Compliant Materials

Product Description- LP75 is a self-leveling, 100% solids, flexible, two-component, rapid curing polyurea elastomer ambient temperature cured spray material.

Uses- Use as a low pressure spray coating with ambient cure on all bondable surfaces.

Ideal for Applications in:

- Food processing facilities
- Kitchens
- Mechanical rooms
- Ponds & water features

Advantages:

- 100% solids, meets VOC regulations
- Remains flexible in cold temperatures
- Return project to service in 60 minutes
- Cures from -20°F to 130°F
- Odorless, no toxic vapors

Physical Properties-

(Typical) 1:1 Mix Ratio	Test Method	Typical Value
Cured Film Properties		
VOC	Theoretical	Zero
Solids content	Theoretical	100%
Gel time	ASTM 1640	~1 minute
Tack free	ASTM 1640	~6 minutes
Open to light foot traffic		60 minutes
Tensile strength (psi)	ASTM D638	600 - 1200
Tensile elongation (%)	ASTM D638	240 - 500
Modulus of elasticity (psi)	ASTM D638	400 - 900
Tear strength (lb/in)	ASTM D624	150 - 250
Shore A hardness	ASTM D2240	>75
Tabor abrasion, mg wt loss (1000 g, 1000 revs, H-18)	ASTM D4060	375 - 500

The value ranges stated in this Technical Data Sheet are based on system processing under laboratory conditions. Equipment configurations and/or field application conditions may produce variances in final system values.

Packaging-

- One Hundred Ten Gallon Kit: 55 gallons of 'A' side and 55 gallons of 'B' side. Drum containers filled by weight, volume is closely approximated.
- Ten Gallon Kit: 5 gallons of 'A' side and 5 gallons of 'B' side.

Mixing- Machine dispensing: Use 1: 1 ratio pump with or without heater as required for individual application. Low pressure spray head must be used for ambient cure spray applications.

Colors- Please consult your S.I.M. technician

Preparation & Installation- Regard **S.I.M.** specification: Low Pressure Polyurea Spray Application for detailed preparation and installation procedures.

Clean Up- Cured product may be disposed of without restriction. Excess liquid 'A' & 'B' material should be mixed together and allowed to cure, then disposed of in the normal manner. Product containers that are "drip free" may be disposed of according to local, state and federal laws.

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Safety- Review the SDS for basic safety. Please see below for your personal protection equipment required.

- Long sleeve overalls or disposable Tyvex overalls
- Rubber gloves
- Splash shield or safety glasses with splash guards
- Rubber or leather boots
- Respirator
- Do not use near high heat or open flame
- Do not take internally
- Keep out of reach of children

Shelf Life- One year from date of shipment, in original, unopened factory containers, under normal storage conditions of 60°F to 95°F (18°-35°C).

Technical Services- Sales and Customer Support 866-944-0009

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