

Part A Isocyanate – Part # 60300
Part B Resin – Part # 60320

PRODUCT TYPE:

Elastomeric polyurethane. 100% solids (no VOCs, no solvents).

GENERAL PROPERTIES:

SolarMax is a two-component, 100% solids (no VOCs, no solvents), exothermic, rapid curing, elastomeric polyurethane lining system.

- Lining thickness varies based on application, typically minimum of ~1/8" (95 mils; 2.4mm) up to unlimited thickness.
- High tensile strength and tear strength properties.
- Very good abrasion resistance.
- Good chemical resistance.
- Superior color retention.
- Good noise reduction.
- Excellent corrosion resistance.
- Good impact resistance.
- Good grip.

RECOMMENDED USES:

- Paint replacement.
- Color stable applications.
- Excellent general purpose industrial lining for applications such as:
 - Material delivery systems where a seamless flexible system is essential.
 - Floor and wall protection in industries such as food processing, food storage, veterinary, production area and laboratories.
- Spray-on application creates a monolithic, seamless lining which conforms to any shape and size.
- Elastomeric properties allow for application to surfaces subject to: vibration, expansion, contraction, movement, flexing, abrasion, and impact.
- Bonds to virtually all substrates of any dimension, including metals, woods, concrete and fiberglass.
- Reduces noise from vibration and impact.
- Stable from -40°F (-40° C) to 175° F (79.4° C).

NOT RECOMMENDED FOR:

- Hydrostatic barriers.
- Sustained temperatures below -40°F (-40° C) or above 175° F (79.4° C).
- Application to high density polyethylene or thermo plastics.

CHEMICAL RESISTANCE:

Good resistance to many commercial and industrial chemicals such as acids, alkalis, oils and cleaning chemicals. For specific applications and information, please consult our chemical resistance chart available on our website or speak to a Rhino Linings representative.

SUBSTRATES:

Metals, wood, concrete, fiberglass, and geotextiles.

VOLATILE ORGANIC CONTENT:

None. 100% solids. No solvents.

DRY FILM THICKNESS RANGE:

Varies typically based on application ~1/8" (95 mils; 2.4 mm) - unlimited.

SHELF LIFE:

Part A - Isocyanate: Six months, unopened
Part B - Resin: Six months, unopened

COLORS:

Base material: Isocyanate - amber.
Resin - opaque.
Standard color - black.
Custom colors available.

Provisional data sheet subject to change without notice by Rhino Linings USA, Inc.