

"See the Difference"

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Technical Data Sheet**ARMA 901-50DS****Polyurea Elastomer Spray System****Product Description and Applications:**

ARMA 901-50DS is a two component, polyurea elastomer spray system which is not sensitive to high humidity or moisture in the air or substrate. This product provides a flexible but extremely tough monolithic membrane with excellent water and chemical resistance and can be sprayed at room temperature.

Typical Physical Properties:

(for components)

Viscosity, cps @ 75 F

Component A

1800 - 2000

Component B

360 - 600

Specific Gravity

1.13

1.00

Mixing ratio by weight

53

47

Mixing ratio by volume

50

50

(for cured material)

Test Method**Results**

Shore D hardness

ASTM D-2240

50 - 55

Tensile strength

ASTM D-412

3000 - 3500 psi

Elongation %

ASTM D-412

550

Tear, Die C, pli

ASTM D-624

500 - 600

Taber abrasion (mg/1000cycles) ASTM D3489-96

(rough) 231

Process Specifications:

Equipment pre-heater temperature

Component A

120°F

Component B

120°F

Hose Temperature

140 - 150°F

Gel time at equipment temperature

2 seconds

Cure Time

24 Hours @ 72°F

Handling Procedures:

After containers have been opened, blanket both components with dry nitrogen during processing and storing. Keep containers closed when possible to exclude any atmospheric moisture.

*Component A and B must be maintained above 65°F to prevent solidification.

** If solidification occurs in component A, heat in a convection oven at 140°F - 160°F. The material will liquefy at 100°F (approx. 48 hours for a 55 gallon drum). Mix thoroughly under a blanket of nitrogen using an efficient mechanical drum mixer.

800.524.ARMA (2762) 541.688.3500

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SAFETY INFORMATION:

MATERIAL SAFETY DATA SHEETS ARE SENT WITH EACH SHIPMENT OF ARMA COATINGS' PRODUCTS. THESE DATA SHEETS SHOULD BE READ AND UNDERSTOOD BY ALL PERSONNEL WHO WILL COME IN CONTACT WITH THE PRODUCT BEFORE THE CONTAINERS ARE OPENED. IF THE SAFETY DATA SHEETS ARE LOST OR YOU REQUIRE ADDITIONAL DATA SHEETS, PLEASE CONTACT ARMA COATINGS (800) 524-2762 AND REPLACEMENTS WILL BE SENT. READ CAREFULLY.

WARRANTY:

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