

**RS-490 Aromatic Fast-Set Polyurea Spray System** is a 1:1, fast-set, spray applied two-component polyurea coating. It is 100% solids and contains zero VOCs. When cured, it is highlighted by:

- Excellent resistance against chemicals used in the Oil and Gas Industry.
- Extremely flexible and high elongation to conform to the substrate during movement
- Specifically designed to wet out geotextiles to create a tough, durable liner
- Fast setting to minimize down times of application areas
- Water Permeability of Geotextiles by Permeability, ASTM D4491 - Constant Head Test: Zero Flow Recorded.

## SPECIFICATIONS

PHYSICAL PROPERTIES	VALUES
Hardness, (ASTM 2240)	42 Shore D
Tensile Strength (D-412)	3100 psi (217.95 kg/cm <sup>2</sup> )
Tear Strength (D624)	420 pli
Elongation (D-412)	500%
Water Vapor Permeability, (E-96)	0.36 perm-inch
Permeability (D-4491)	0.05 g/h/m
Abrasion Resistance (CS17 wheels, 1000g, 1000 cycles, (D-4060)	20mg loss

\*Values obtained in laboratory setting for comparison purposes only and should not be considered specifications.

## APPLICATION NOTES:

1. Use application procedure for guidance.
2. Should be applied through a two component, heated, high pressure proportioning unit (1A:1B) capable of dynamic spray pressures of 2000-2400 psi.
3. Available in 55 gallon drums and 275 gallon totes. It should be stored in sealed containers between 60°F (15.55°C) and 90°F (32.22°C). Shelf life is 12 months in factory sealed containers.
4. RS-490 is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. When spraying, wear a respirator or fresh air hood. Spraying indoors requires forced ventilation. Be sure to read SDS in its entirety prior to use.
5. Contact your account representative for more information.

## APPLICATION PROPERTIES

PROPERTY	VALUE
Gel time	17 seconds
Tack free time	22 seconds
Coverage at 60 mils	26.7 ft <sup>2</sup> /gal

## APPLICATIONS

- Wastewater
- Chemicals
- Spill control
- Fuel loading and unloading
- Landfills

## BENEFITS

- Abrasion Resistant
- High resilience
- Reduces corrosion
- Minimize down times of application