RS-440

RS-440 Aromatic Hybrid Polyurea Coating is a 1:1, fast-set, spray applied two component polyurea hybrid coating. It is 100% solids and contains zero VOCs. When cured, it is highlighted by:

- Superior toughness and tear resistance.
- Excellent elongation and impact resistance.
- High impact strength.
- *Exceptional abrasion resistance.*

SPECIFICATIONS

PHYSICAL PROPERTIES	VALUES
Hardness, (ASTM 2240)	95 Shore A / 50 Shore D
Tensile Strength (D-412)	5200 psi (365.60 kg/cm^2)
Tear Strength (D624)	470 pli
Elongation (D-412)	300%
Flexibility (180^0 bend over 1/8" mandrel (D1737)	Pass
Permeability (D-4491)	NA
Abrasion Resistance (CS17 wheels, 1000g, 1000 cycles, (D-4060	4.7mg loss
*Values obtained in laboratory setting for comparison purposes only and should not be considered specifications.	

APPLICATION PROPERTIES

PROPERTY	VALUE
Gel time	8 seconds
Tack free time	15 seconds
Re-coat window	Up to 12 hours

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-440 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. Drum contents must be brought to 90°F (32.22°C) minimum to achieve the proper viscosity prior to inserting stick pumps. This can be done using band type drum heaters.
6. Contact your account representative for more information.

APPLICATIONS

- Wastewater
- Chemicals
- Mining Equipment
- Fuel loading and unloading
- Landfills

BENEFITS

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