

RS-60DM-FR, Class 1 Fire Rated Polyurea Coating is a fast set, spray applied, two component polyurea hard coat. It is 100% solids and contains Zero VOCs. It is highlighted by:

Superior toughness and tear resistance.

- Passes ASTM Designation E84: "Standard Method of Test for Surface Burning Characteristics of Building materials".
- Excellent impact resistance even in sub-freezing temperatures.
- Offered in 3 different cure speeds - 5, 10, and 15 seconds - to allow for either a glossy or textured finish.
- Pure polyurea formulation, thus not sensitive to moisture.

SPECIFICATIONS

PHYSICAL PROPERTIES	VALUES
Hardness, (ASTM 2240)	50 Shore D
Tensile Strength (D-412)	3600 psi (253.10 kg/cm ²)
Tear Strength, DIE (D624)	405 pli
Elongation (D-412)	310%
Impact Strength (direct), C-14	>700 lbs
Abrasion Resistance (CS17 wheels, 1000g, 1000 cycles, (D-4060)	20mg loss
100% Modulus, D-412	1400 psi
200% Modulus, D-412	1700 psi
300% Modulus, D-412	2300 psi
*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-60DM-FR 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.

APPLICATION PROPERTIES

PROPERTY	VALUE
Gel time	5-15 seconds
Tack free time	10-30 seconds
Re-coat window	25 minutes

APPLICATIONS

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

BENEFITS

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