

AT 745 – FR INSULATION COATING

AEROGEL COATING

TECHNICAL DATA SHEET

AT-745 FR Insulation Coating is a unique high performance aerogel fire resistant coating that also offers excellent thermal insulation, sound dampening and waterproofing properties. It will adhere to most metal, composite and polymer surfaces. AT-745 is extremely durable to both abrasion and most common chemicals. It is an elastomeric coating with very good flexibility and easy build properties. AT-745 is easy to apply by sprayer, brush or roller.

Proudly manufactured in the USA.

Technical Data

Color	Grey (Standard)
Viscosity	9000 cps (average)
Percent of Solids	Approximately 78%
Density	1350 kg/m ³
Flash Point	>200°F (also self-extinguishing)
Noise Dampening	Excellent
Adhesion	Excellent
Odor	Mild (No odor once cured)
Dry to the Touch (15-20 mil)	30-60 minutes at Room Temperature
Cure Time (15-20 mil)* (with free flowing air over the surface)	24 hours at Room Temperature
<i>* Exposing to a warm (90-100°F) airflow over the surface will decrease the cure time.</i>	

Key Performance Properties

- High performance single component coating.
- Extremely fire resistant (once cured). Self extinguishing. Resistant to flame spread.
- Dampens sound.
- Excellent thermal insulation.
- Waterproof.
- Flexible, elastomeric coating.
- Excellent adhesion to most surfaces including metals, fiberglass-composite surfaces, wood, and polymers.
- Extremely Durable.
- High abrasion and crack resistance.
- High resistance to most chemicals including gas and oil.
- Easily applied by sprayer, brush or roller.
- VOC Compliant / Non-Toxic