VORASTAR™ 7000 Polyurethane Spray Elastomer System for Improved Steel and Concrete Protection in Harsh Environments

VORASTAR™ 7000 polyurethane spray elastomer system is a new, high-performance, two-component polyurea hybrid coating material providing enhanced chemical and moisture resistance in a wide range of industrial and infrastructure applications.

The VORASTAR 7000 polyurethane spray elastomer system is specially designed to be applied as a coating to protect concrete and steel used in the construction of pipelines and holding tanks to protect from chemical degradation, particularly those in high-acid and high-moisture environments.

It has excellent mechanical stability and maintains its flexibility and protective qualities in extreme conditions, including temperatures as low as -50 °C. Due to its elastomeric properties, VORASTAR 7000 polyurethane spray elastomer system offers a good balance of strength and elongation, as well as strong abrasion and impact resistance.

Its short cure time allows surfaces to quickly return to service after application.

VORASTAR polyurethane spray elastomer system features and benefits include:

- **Low viscosity:** Reduced downtime during application; can be applied with industry standard spray equipment
- **Good mechanical performance:** Provides balance of strength and elongation across a broad temperature range, down to -50 °C
- **Enhanced structural durability:** Improved abrasion, wear and tear resistance
- **Excellent chemical resistance:** Enhanced corrosion protection of concrete containment structures and steel exposed to chemicals
Tensile Strength After Immersion

- Standard Spray Elastomer Sample
- VORASTAR 7000

Elongation After Immersion

- Standard Spray Elastomer Sample
- VORASTAR 7000

Mass Gain After Immersion

- Standard Spray Elastomer Sample
- VORASTAR 7000

Innovating For You

For more information and product samples, contact us at your convenience:

dowpolyurethanes.com
dowpolyurethanes@dow.com
Dow North America
Toll-Free +1 800-441-4369
Toll +1 989-832-1426
The Dow Chemical Company
2030 Dow Center
Midland, MI 48674

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