

Tekflex® Dry Spray

Flexible, High-Strength Membrane Strata Support

Uses

Tekflex® Dry Spray coating is a patented high tensile strength sealant specially designed to permanently stabilize the integrity of rock structures accommodating the stresses associated with strata movement while providing a barrier to moisture degradation.

Advantages

- **Easy to Apply** – All powder formulation is applied using simple dry process gunite equipment. Tekflex® Dry Spray is blown through hose, then wetted with water at the spray nozzle.
- **Remote Application** – Ability to be blown several hundred yards if necessary, allowing more convenient location of spray equipment.
- **Easy Clean Up** – No materials waste. Only the spray nozzle requires minimal clean up.
- **Tough** – Ability to stretch, excellent tensile characteristics assure coating integrity even after strata deformation.
- **Excellent Adhesion** – Special formulation enables superb adhesion to the rock, assuring a long-lasting coating.
- **Non-Flammable** – No unusual storage or ventilation requirements, equipment clean-up procedures or waste disposal.
- **Fast to Set** – Effective support sooner.

Description

Tekflex® Dry Spray coating, developed in response to customer demand for a premium strata support membrane with Minova quality, is a cement-based spray material designed with superb flexibility, high tensile strength and excellent adhesive qualities. The product enhances the structural integrity of the rock and forms an impervious barrier, which eliminates the degrading effects of weathering. Material coverage at a thickness of 1/6" is theoretically 50ft². Actual coverage will likely be less due to surface roughness.

Packaging

Tekflex® Dry Spray is available in 40 lb, 3-ply bags with 1 polyethylene layer, 56 bags per stretchwrapped pallet.

Instructions for Use

No unusual ventilation requirements are needed during application. Workers should take general precautions including protective clothing, gloves, dust masks and adequate eye protection.

1. Remove or protect any objects that are not to be covered with Tekflex® Dry Spray coating.
2. Remove as much dust and loose material as possible by spraying water. Spraying onto a damp, dust-free substrate enables best results.
3. Tekflex® Dry Spray sealant material is mixed and sprayed with small dry process gunite equipment, e.g. Reed Sova, Allentown, Meyco Piccola, etc. Contact Minova for advice on configuring equipment.

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The following should be noted:

- a) The best time to spray is right after excavation, when fresh, solid rock is first exposed.
 - b) Temperature at application should be 40° F or higher. Ideal temperature is roughly 60° F.
 - c) The practical thickness achievable will depend somewhat on the orientation of the rock. Suggested thickness is 1/6".
4. Always spray water first followed by powder feed. Adjust water content at the nozzle to minimize dust and prevent slump of material.
 5. When job is complete, maintain airflow but cease powder feed, and purge spray nozzle with water. Turn off water and air supply, taking care to ensure water does not flow back up the hose.

Shelf Life

Nine months in cool, dry conditions.

Consult your local Minova representative for additional application and contracting information.

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Important Note: Warranty

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