

Tekflex



Flexible, high-strength, membrane strata support

Uses

Tekflex coating is a 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

- **Tough** - Ability to stretch, excellent tensile characteristics, and fiber reinforcing assure coating integrity even after strata deformation.
- **Simple Mixing** - Convenient packaging of two and one half parts liquid component to one part powder component minimizes mixing errors—no water or additional additives required.
- **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.

Description

Tekflex coating, developed in response to customer-demand for a premium strata support membrane with famous Minova USA Inc. 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" varies from 1.2 to 2.7 sq ft per liter, depending on the roughness of the rock surface.

Packaging

Tekflex Liquid is available in 5 gallon pails, 36 pails per stretch-wrapped pallet. **Tekflex** Powder is available in 44 lb., 3 ply bags with one polyethylene layer, 43 bags to a stretch-wrapped pallet. Three pallets of liquid are consumed with each pallet of powder.

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** coating.
2. Remove as much dust and loose material as possible. Spraying onto a clean, dust-free substrate enables best results.
3. As **Tekflex** sealant material may be mixed and sprayed using various types of equipment, follow the instructions for the particular equipment you are using.

Notes:

- a) The best time to spray is right after excavation, when fresh, solid rock is first exposed.
 - b) Temperature should be 40°F, or higher. Ideal is roughly 60°F.
 - c) The practical thickness achievable will depend somewhat on the orientation of the rock. Suggested thickness is 1/6" (4mm).
4. Pot life is approximately one half hour. Water may be used for clean up during this time.
 5. Thoroughly purge all **Tekflex** material from the machine and lines with water when preparing for clean-up. Follow any machine manufacturer's recommendations for clean-up.

Shelf-Life

Both components: twelve months, in cool, dry conditions. Temperature of the **Tekflex** Liquid component must be kept above the freezing point.

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

2 Component Tekflex Machines

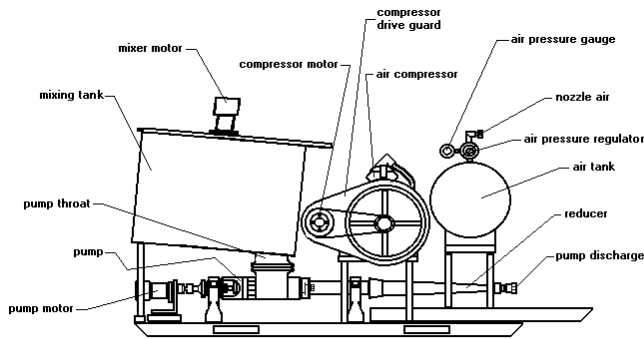


DIAGRAM 1: Big Red

Length: 80 in
Width: 35 in
Height: 41 in
Weight: 1200 pounds
Tank Capacity: 5 pails liquid
 2 bags powder
Hydraulic Requirements: 20 GPM @ 2000 psi
Pumping Distance: Up to 75 ft
Output Pressure: 300 psi

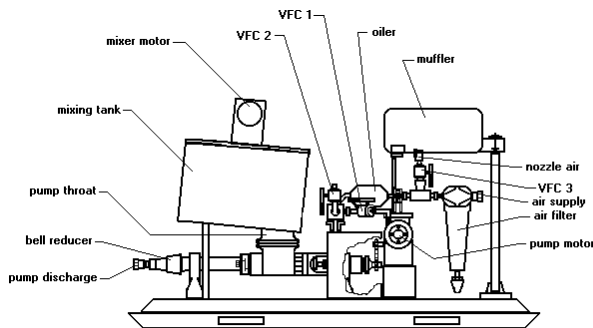


DIAGRAM 2: Air Red

Length: 78 in
Width: 41 in
Height: 41 in
Weight: 800 pounds
Tank Capacity: 2 1/2 pails liquid
 1 bag powder
Air Requirements: 100 cfm @ 100 psi
Pumping Distance: Up to 75 ft
Output Pressure: 300 psi

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Minova USA Inc. Products

Airtite® Sealants and Coatings

Airtite Spraygrade
 Airtite Trowelgrade
 Airtite Caulkgrade
 Airtite Hardener
 Tekflex

Anchoring Products

Anchorbond®
 Anchortite
 Lokset® Resin Cartridge

Chemical Grouts

Terraset
 PUR

Pumpable Cementitious Grouts

Celroc P
 Tekroc
 Tekseal®
 Tekfoam
 Ultracem



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Important Note:

Warranty

Minova USA Inc. warrants that its products, at the time of shipment, conform to the applicable descriptions set forth in the invoice and are free from defects in material and workmanship. NO OTHER WARRANTY, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING ANY WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE, SHALL EXIST IN CONNECTION WITH THE SALE OR USE OF ANY MINOVA USA INC. PRODUCT, AND ALL SUCH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED AND EXCLUDED.

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