

Tekflex® White AP

Flexible, High-Strength Membrane Strata Support

Uses

Tekflex® White AP 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

- **Tough** – Ability to stretch, excellent tensile characteristics and fiber reinforcing assure coating integrity even after strata deformation.
- **Simple Mixing** – Single all powder (AP) formulation mixed with water for rapid placement with equipment provided by Minova.
- **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.
- **Reflective Color** – Light coloration improves visibility.

Description

Tekflex® White AP 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" for a 1 bag / 2-1/2 pail batch varies from 70 to 140 square feet, depending on the roughness of the rock surface.

Packaging

Tekflex® White AP is available in 35 lb, 3-ply bags with 1 polyethylene layer, 56 bags to a stretchwrapped pallet.

Shelf Life

Nine months in cool, dry conditions.

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® White AP coating.
2. Remove as much dust and loose material as possible. Spraying onto a dry, dust-free substrate enables best results.
3. Tekflex® White AP sealant material is mixed and sprayed with Minova equipment under the supervision of a Minova Technical Consultant. 1.8 gallons of water is added to the mixer per bag of Tekflex® White AP. Mix for 2 minutes.

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".

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- Pot life is approximately one half hour. Water may be used for cleanup during this time.
- Thoroughly purge all Tekflex® White AP material from the machine and lines with water when preparing for clean-up. Follow any machine manufacturer's recommendations for clean-up.

Tekflex® White AP Machines

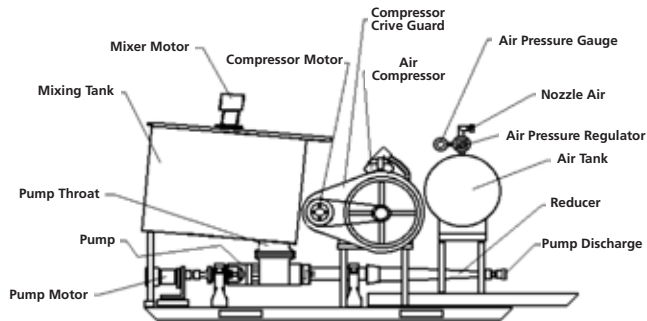


Diagram 1 **Big Red**

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

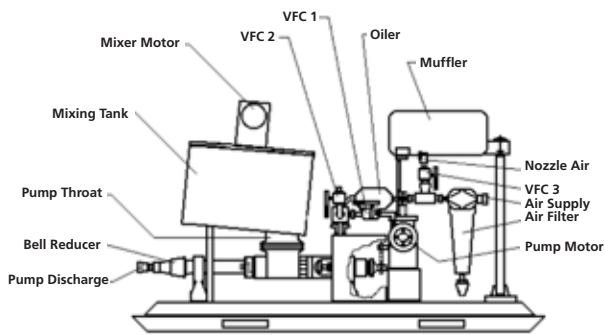


Diagram 2 **Air Red**

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

Minova Americas Products

- Bolts and Plates
- Anchoring Products
- Pumpable Cementitious Grouts
- Airtite® Sealants and Coatings
- Chemical Grouts

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.

All claims under this warranty must be made in writing to Minova USA Inc. within 15 days after discovery of the defect, and within 90 days of the date of shipment by Minova USA Inc. of the product claimed defective. Upon timely receipt of a claim, Minova USA Inc. shall have the option either to inspect the product while in Buyer's possession or to request Buyer to return the product to Minova USA Inc. for inspection. Claims not made as provided above and within the applicable time period will be barred. All warranties shall be null and void if the products have not been stored and used in accordance with procedures recommended by Minova USA Inc.

Minova USA Inc. shall, at its option, either replace the nonconforming or defective product or refund to Buyer its purchase price. The foregoing constitutes Buyer's sole and exclusive remedy for any breach of warranty.



Minova Americas
 150 Carley Court
 Georgetown, KY 40324 USA
 Phone 800 520 6621
 Fax 502 863 1374
 Email sales.info@minovaint.com
 Web www.minovaamericas.com



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