

Tekflex[®] PM Accelerator

Accelerator For Tekflex[®] PM Polymer Modified Sprayable Coating

Uses

Tekflex[®] PM Accelerator is specially designed for use in Minova's Apex continuous placing machine with Tekflex PM. Alternately it may be applied via Minova's Air Red or Big Red machines. The accelerator causes Tekflex PM to set rapidly. This allows high build, bridging of gaps and allows Tekflex[®] PM to seal holes with pressure on them, such as on a leaky overcast. Other uses include the prevention of spalling from moisture ingress and helping ensure the structural integrity of mine passages.

Advantages – Tekflex[®] PM system

- **Rapid Set** – Allows high build thicknesses.
- **Good Adhesion** – Contains polymer latex for superior adhesion.
- **Economical** – Coverage rate of 12-½ ft² per bag at ½ inch thickness.
- **Attractive** – Dries off white.
- **Strong** – Over 4,000 psi.
- **Convenient** – Tekflex[®] PM can be pumped over 400 feet through standard mine spray hose.
- **Simple** – Minova's Apex unit automatically mixes in the right amount of water and accelerator as it pumps. It also has an onboard compressor and water tank.
- **Clean** - Minimal dust compared to dry process gunite. Negligible rebound.
- **Non-Flammable** – No unusual storage or ventilation requirements, equipment clean-up procedures or waste disposal.

Description

Tekflex[®] PM was developed in response to customer demand for a more easily applied gunite with improved adhesion. Tekflex[®] PM was specifically designed for pumping through our Apex machines. The Apex meters and mixes the proper amount of water, accelerator and powder as it pumps Tekflex[®] PM. Tekflex[®] PM can also be pumped through Minova-designed air powered and hydraulic powered equipment with Tekflex[®] PM Accelerator.

Tekflex[®] PM is a non-shrinking cement that dries to a durable off-white finish. Tekflex[®] PM has a pumping life of up to 30 minutes and sets in 5 to 8 hours; however, if Tekflex[®] PM Accelerator is used, the initial set is instantaneous.

Tekflex[®] PM is especially suited for large remediation or preventative sealing. The convenience of the self-contained Apex allows for fast and easy application.

Instructions for Use

It is recommended that a consultant from Minova or an authorized contractor be at the site during pumping to aid in training on the equipment, mixing and spraying

1. Spray roof and ribs clean with water or air.
2. Run a one- to two-inch hose from the Apex to the job site.
3. Fill the Apex's water tank and accelerator tank. Hook up either 460 or 575 volt AC power, start compressor, start water pump and grout pump. Add Tekflex[®] PM to hopper and adjust water flow until pressure gauge reads 20-40 bar (300 to 600 psi).
4. Spray roof and ribs to desired thickness.

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Tekflex® PM Accelerator

Apex

- Made in the USA by Minova.
- Available on a lease arrangement.
- Multi-use can handle several of Minova's cementitious products, such as Tekflex® PM and Tekflex® All-Powder.
- 10 horsepower AC motor; full load 14 amps at 460V.
- Apex develops 870 psi pressure and is capable of pumping Tekflex® PM over 400 feet through a 1-1/2 inch hose.
- Cable size normally used is #6.
- Apex requires a clean source of water.

Mixing Equipment

Continuous

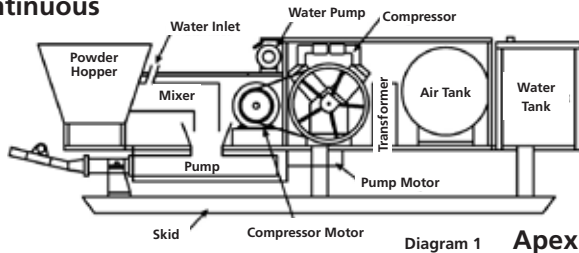


Diagram 1 Apex

Batch

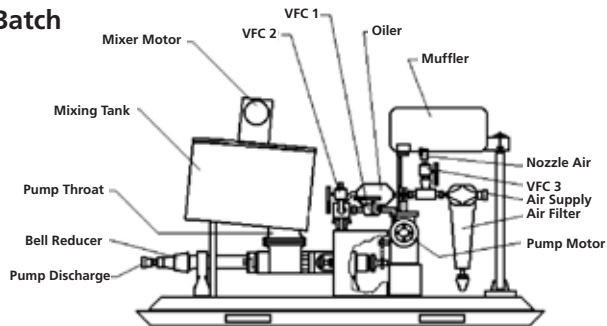


Diagram 2 Air Red

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.

- See diagram for dimensions. Weight is approximately 2,300 lbs.
- Integral compressor.

Packaging

55 lb pails (approximately 5 gallons). Tekflex® PM is packaged in 55 lb bags.

Shelf Life

Twelve months in dry conditions. Tekflex® PM Accelerator must be stored in a heated shed from 40° F to 140° F.

Consult your local Minova representative for additional information.

Length:	160 in
Width:	36 in
Height:	43 in
Weight:	2300 pounds
Hopper Capacity:	2 1/2 – 3 bags
Electric Requirements:	480 or 575 VAC
Pumping Distance:	Up to 400 ft
Output Pressure:	300 – 870 psi

Length:	78 in
Width:	41 in
Height:	41 in
Weight:	800 pounds
Tank Capacity:	5 bags of Tekflex PM
Air Requirements:	25 cfm @ 100 psi
Pumping Distance:	Up to 75 ft
Output Pressure:	300 psi



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