

Tekflex[®] PM

Polymer Modified Sprayable Cement Coating

Uses

Tekflex[®] PM is specially designed for use in Minova's Apex continuous placing machine. Alternately, it may be batch-mixed and applied via Minova's Air Red or Big Red machines. This high strength cement coating is ideal for quickly coating an entryway with a strong durable sealant. Uses include the prevention of spalling from moisture ingress and helping ensure the structural integrity of mine passages. It is an excellent alternative to gunite or shotcrete without the mess.

Advantages

- **Good Adhesion** – Contains polymer latex for superior adhesion
- **Economical** – Coverage rate of 12-1/2 ft² per bag at 1/2 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 as it pumps. It also has an on board compressor and water tank.
- **Clean** – Minimal dust compared to dry process gunite
- **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 and was specifically designed for pumping through our Apex. The Apex meters and mixes the proper amount of water and powder as it

pumps Tekflex[®] PM. Tekflex[®] PM can also be pumped through Minova designed air-powered and hydraulic-powered equipment.

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. Tekflex[®] PM is especially suited for large remediation or preventative sealing. The convenience of the self-contained Apex allows 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 clean the roof and ribs 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. Hook up either 460/575 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.

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

Continued >

Tekflex® PM

- 10 horsepower AC motor; full load 14 amps @ 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
- See diagram for dimensions; weight is approximately 2300 pounds
- Integral compressor

Packaging

55 lb, 3-ply bags with 1 polyethylene layer, 48 bags per stretchwrapped pallet.

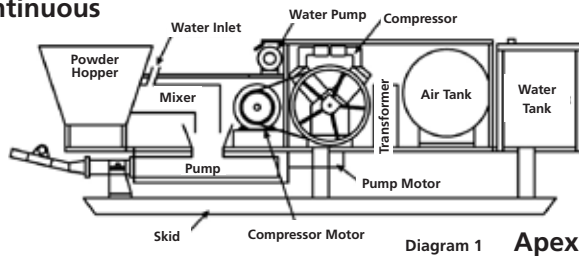
Shelf Life

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.

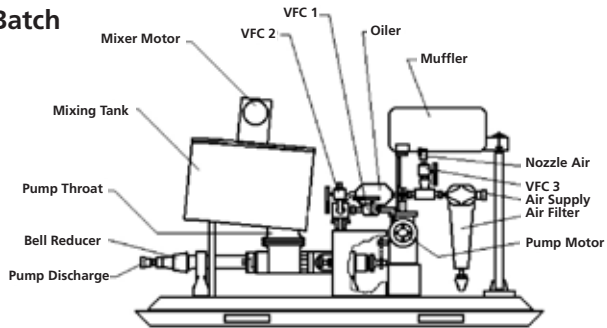
Mixing Equipment

Continuous



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

Batch



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

Diagram 2 Air Red

Minova Americas Products

Bolts and Plates

Anchoring Products

Pumpable Cementitious Grouts

Airtite® Sealants and Coatings

Chemical Grouts



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



A member of the Orica Group

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.