

MINING / CONSTRUCTION

TEKFLEX® PM ACC

ACCELERATOR FOR TEKFLEX® PM POLYMER MODIFIED SPRAYABLE COATING

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.

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

- Rapid Set – Allows high build thicknesses.
- 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 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.

APPLICATION METHOD

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.

Spray roof and ribs clean with water or air.

Run a one- to two-inch hose from the Apex to the job site.

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).

Spray roof and ribs to desired thickness.

SAFETY INSTRUCTIONS AND LIMITATIONS

Follow the instructions found in Tekflex PM ACC SDS.

PACKAGING AND TRANSPORTATION

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

STORAGE AND 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.

APPROVALS AND CERTIFICATES



an ISO 9001:2015
Quality Management System Certified Company.

DISCLAIMER

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