

MINING / CONSTRUCTION

TEKFLEX® BLACK AP

FLEXIBLE, HIGH-STRENGTH MEMBRANE STRATA SUPPORT

DESCRIPTION

TekFlex® Black 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. Theoretical coverage at a thickness of 1/6” for a 1 bag batch is approximately 40 sq ft, depending on the roughness of the rock surface.



ADVANTAGES

- Tough – Ability to stretch, excellent tensile characteristics assure coating integrity even after strata deformation.
- Simple Mixing – Single all powder (AP) formulation mixed with water in a 5 gallon pail.
- 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.
- Approx 1 hour pot life after mixing

USES

TekFlex® Black 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.

APPLICATION METHOD

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 as much dust and loose material as possible. Coating onto a clean, dust-free substrate enables best results.
2. Tekflex® Black AP sealant material is mixed and hand applied in the pails provided. 1.33 gallons of water is added to the pail per bag of Tekflex® Black AP. Mix for 2 minutes or until smooth, using a drill and paddle. Always add the water first.

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The following should be noted:

- a) The best time to apply is right after excavation, when fresh, solid rock is first exposed.
- b) Temperature should be 40°F (4.5°C) or higher. Ideal is roughly 60°F (15.5°C).
- 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 hour.

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

SAFETY INSTRUCTIONS AND LIMITATIONS

Good housekeeping is needed during storage, transfer, handling, and use of this material to avoid spills and leaks. Never add material to this product unless instructed by Minova USA, Inc.

PACKAGING AND TRANSPORTATION

Tekflex® Black AP is available in 26 lb pails.

STORAGE AND SHELF LIFE

12 months in cool, dry conditions.

DISPOSAL

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of material in accordance with all applicable federal, state/provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

APPROVALS AND CERTIFICATES



an ISO 9001:2015
Quality Management System Certified Company.

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MANUFACTURER

Trading name of Minova USA, Inc.
150 Summer Court
Georgetown, KY 40324
USA

CUSTOMER SERVICE

Customer.salessupport@minovaglobal.com
Phone: +1 (800) 626-2948
Alt Phone: +1 (502) 863-6800
Fax: +1 (502) 863-6805