

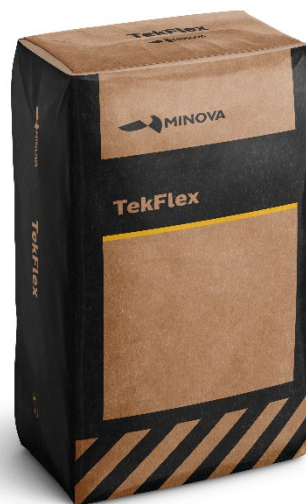
**MINING / CONSTRUCTION**

**TEKFLEX®**

**FLEXIBLE, HIGH-STRENGTH MEMBRANE STRATA SUPPORT**

**DESCRIPTION**

TekFlex® coating, developed in response to customer-demand for a premium strata support membrane with famous Minova USA, Inc. 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-inch varies from 1.2 to 2.7 sq. ft per liter, depending on the roughness of the rock surface.



**ADVANTAGES**

- Tough – Ability to stretch, excellent tensile characteristics, and fiber reinforcing assure coating integrity even after strata deformation
- Excellent adhesion – Special formulation enables superb adhesion
- No unusual storage or ventilation requirements during application, clean up or waste disposal
- Simple Mixing – Convenient packaging of two and one half parts liquid component to one part powder component minimizes mixing errors – no water or additional additives required

**USES**

TekFlex® 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 or protect any objects that are not to be covered with TekFlex® coating.
2. Remove as much dust and loose material as possible. Spraying onto a clean, dust-free substrate enables best results.
3. As TekFlex® sealant material may be mixed and sprayed using various types of equipment, follow the instructions for the particular equipment you are using.

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**Notes:**

- a) The best time to spray 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 half hour. Water may be used for clean-up during this time.
  5. Thoroughly purge all TekFlex® material from the machine and lines with water when preparing for clean-up. Follow any machine manufacturer’s recommendations for clean-up.

*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® Liquid is available in 5 gallon pails, 36 pails per stretch-wrapped pallet. TekFlex® powder is available in 44 lb, 3-ply bags with 1 polyethylene layer, 43 bags per stretch-wrapped pallet. Three pallets of liquid are consumed with each pallet of powder.

**STORAGE AND SHELF LIFE**

Both components: Twelve months, in cool, dry conditions. Temperature of the TekFlex® Liquid component must be kept above the freezing point.

**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.

**DISCLAIMER**

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## **ADDITIONAL DOCUMENTATION**

Started more than 135 years ago, Minova is a global manufacturer and supplier of chemical and mechanical earth control products and support equipment. With manufacturing plants on five continents and operations in more than 25 countries, Minova is an industry-leading provider of ground support solutions for the underground mining, construction and energy industries.

If further information is required consult Minova Americas website: [www.minovaglobal.com](http://www.minovaglobal.com).

- TekFlex® Safety Data Sheet (SDS)
- Minova Sprayed Structural & Waterproofing Membranes Brochure
- Minova Sealants & Coatings Brochure
- Minova Pumps for Civil Engineering, Tunneling and Restoration
- Minova TekFlex® Product Specification

## **MANUFACTURER**

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