

**MINING**

**TEKSET®**

**GROUT ALTERNATIVE TO BLOCKING AND WEDGING SPECIALIZED CRIBS AND POSTS AGAINST THE MINE ROOF**

**DESCRIPTION**

TekSet® mix is a single-component, cementitious grout designed as a fill for a bag placed between the top of a crib and the mine roof, or atop a specially designed post system. Depending on the water temperature, the material will set in approximately 10 to 15 minutes. The tedious routine of blocking and wedging supplemental roof support is replaced by a simpler, faster and more efficient means.

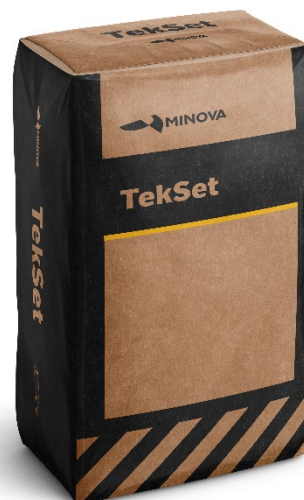
*Consult your local Minova representative for additional application information*

**USES**

TekSet® grout is a cementitious fill that is pumped inside a specially made bag, available through Minova and designed to conform to roof irregularities at the top of cribs or specially manufactured post systems.

**ADVANTAGES**

- Full Contact – Conformity to roof irregularities allows for a uniformly distributed load, shown to improve performance by up to 100%
- Minimal Labor – Eliminates the tedious job of installing cap boards and wedges
- High Yield – One 50 lb bag yields roughly 2-1/4 ft<sup>3</sup>
- Easy Clean-Up – All equipment can be cleaned with ordinary water



**APPLICATION METHOD**

Erect the supplementary roof support.

Lay the bag on top of the support so that the valve is easily accessible.

Before pumping any grout material, or connecting the discharge line to a bag, flush all lines with water to assure there are no blockages.

Mix the TekSet® material thoroughly and begin pumping the grout through the lines, setting the mix ratio to 15 gallons of water to 1 bag of TekSet® material. Insert the hose end into the bag after the grout material has begun to discharge. Fill the bag until contact between the top of the support and the roof has been assured.

Discontinue pumping only long enough to disconnect the discharge line and insert it into the next unit to be filled. Fill the bag as above and repeat the procedure until all units have been completed.

## SAFETY INSTRUCTIONS AND LIMITATIONS

Observe the usual precautionary measures for handling chemicals, see TekSet® SDS. Workers should take precautions for handling cements including eye protection, gloves and a dust mask.

When pumping is completed for the shift, thoroughly clean the pumping unit and all discharge lines as recommended by pump manufacturer. We recommend using CarboSolv D Pump Cleanser.

## PACKAGING AND TRANSPORTATION

TekSet® grout is packaged in 50 lb, 3-ply bags with 1 polyethylene layer, 48 bags per stretch-wrapped pallet.

## STORAGE AND SHELF LIFE

Store in cool, dry conditions. The 10 to 15-minute set time tends to lengthen if the material is used after four months

## 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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## 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).

- TekSet® Safety Data Sheet (SDS)
- Minova Pumps for Mining Brochure
- Minova Pumpable Cement Grouts Brochure

## MANUFACTURER

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