

**CONSTRUCTION**

**TEKROK**

**PUMPABLE CONSTRUCTION CEMENT**

**DESCRIPTION**

TekRok cement was developed in response to customer demand for a high-strength pumpable cement for underground construction projects. It was specifically designed for pumping through our placer unit. The Tekplacer meters and mixes the proper amounts of water and powder as it pumps the TekRok material. Fifty- four 50-pound bags of TekRok powder are used per cubic yard.

The cured TekRok cement is non-shrinking and dries to a durable, off-white finish. The material has a pumping life of up to 30 minutes and sets in 5 to 8 hours. TekRok cement is especially suited for small to medium sized construction projects, or for projects where the convenience of a pumpable cement is required.

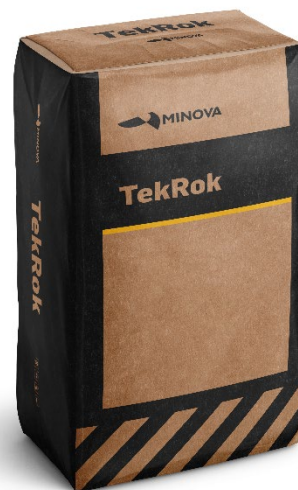
**USES**

TekRok pumpable construction cement is ideal for small- to medium-sized construction projects. Examples for uses of TekRok cement include belt drives, heads, take- ups, crusher stations, belt tensioners, track switches, shop floors, sump holes, topping-off overcasts, etc.

*Consult your local Minova representative for additional application information.*

**ADVANTAGES**

- Fast – pumping rate of over 4 yd<sup>3</sup> per hour can be achieved
- Convenient – Can be pumped over 150 feet through standard 2-inch mine spray hose, can be pumped directly into standing water
- Simple – Powder and water are automatically metered as they are mixed in the Tekplacer unit



**APPLICATION METHOD**

To calibrate the placer unit and to make adjustments to the water supply, it is highly recommended that a consultant from Minova, or an authorized contractor, be on site to advise personnel, especially during the pumping process.

1. Build forms around the site. Level and fill the site as necessary.
2. Run a 2" hose from the placer to the job site.
3. Hook up fresh water at the rate of 10 gpm at a minimum of 50 psi, and AC power, to the Tekplacer.
4. Adjust water and powder feed so that 3 gallons of water are used for every 2 bags (3.3 gal/100 lbs) of TekRok cement.
5. Pump the material into the forms, leveling as needed.

**TekPlacer**

Made in the USA by Minova; Multi-use placer unit is used to transfer several of Minova’s cementitious products: TekSeal®, TekFoam, Tekcrib, TekRok

Motor: 15 hp AC; Full load amps - 21 @ 460V, 18 @ 575V.; Cable Size: normally #6 (permissible unit available).

Develops 200+ psi, and typically pumps TekRok cement 150’ through a 2” hose. Requires 10 gpm @ 50 psi Dimensions: 3’6” x 2’3” x 11’9”; Weight: 1,700 lbs; Unit capacity with Tekrok: over 4 yds<sup>3</sup>/hour.

**SAFETY INSTRUCTIONS AND LIMITATIONS**

Observe the usual precautionary measures for safe handling, see TekRok SDS.

Good housekeeping is needed during storage, transfer, handling, and use of this material to avoid excessive dust accumulation. Never add material to this product unless instructed by Minova.

Use of product in extremely high or low temperatures will affect set times.

**PACKAGING AND TRANSPORTATION**

TekRok pumpable cement is packaged in 50 lb, 3-ply bags with 1 polyethylene layer, 56 bags per stretch-wrapped pallet.

**STORAGE AND SHELF LIFE**

TekRok has a shelf life of twelve months in 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.

**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).

- TekRok Safety Data Sheet (SDS)
- Minova Pumps for Mining Brochure
- Minova Pumps for Civil Engineering, Tunneling and Restoration
- Minova Pumpable Cement Grouts Brochure

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