

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.

Advantages

- Fast – Pumping rate of over four cubic yards an hour can be achieved
- Strong – Over 3,000 psi
- Convenient – Can be pumped over 150 feet through standard 2" mine spray hose; can be pumped directly into standing water
- Simple – Powder and water are automatically metered as they are mixed in the placer unit

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 placer 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.

Consult your local Minova representative for additional application information.

Shelf Life

Twelve months in dry conditions.

Instructions for Use

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 mine personnel, especially during the pumping process.

Build forms around the site.

Level and fill the site as necessary.

Run a 2" hose from the placer to the job site.

Hook up fresh water at the rate of 10 gpm at a minimum of 50 psi, and AC power, to the placer.

Adjust water and powder feed so that 3 gallons of water are used for every 2 bags (3.3 gal/100 pounds) of Tekrok cement.

Pump the material into the forms, leveling as needed.

Placer

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 SCR cement 150' through a 2" hose. Requires 10 gpm @ 50 psi

Dimensions: 3'6" x 2'3" x 11'9";

Wgt: 1,700 lbs;

Unit capacity with Tekrok SCR: over 4 yds³/hour.

Packaging

50 lb, 3-ply bags with 1 polyethylene layer, 56 bags per stretch-wrapped pallet.