

# CEMENTITIOUS GROUTS



## Terracem

*One-Component, Finely-Ground Injection Cement with a Built-In Dispersant*

### Uses

Terracem injection cement is specifically designed to grout fine sands, consolidate foundations, seal off flowing water and establish grout curtains in dam construction and rehabilitation. Additional uses include grouting of tunnel and shaft linings, rehabilitation of existing tunnel structures, and waste site remediation.

### Advantages

- Rapid water dispersion and lowest viscosity
- Integral dispersant, no external dispersants needed
- Minimal bleed characteristics
- Ideal for fine crack injection
- Brine tolerant

### Description

Terracem grout is supplied as a one-component, ready-to-use injection cement. It is a very fine sulfate-resisting blended cement with an integral super-plasticizer, ground and classified to a low particle size grading (D98 less than 40 micron; D50 less than 7.5 micron).

### Physical Properties

#### Typical

Specific Gravity	2.94
50% Grain Size (D50)	7.5 micron
Maximum Grain Size (D98)	<40 micron
Fineness (Blaine)	5,200 cm <sup>2</sup> /g
Comp Strength (psi, @ w/c = 0.5)	
7 day	4,200
28 day	6,000

### Chemical Analysis

Typical	%
SiO <sub>2</sub>	35.2
Al <sub>2</sub> O <sub>3</sub>	5.9
Fe <sub>2</sub> O <sub>3</sub>	1.2
CaO	45.2
MgO	9.8
SO <sub>3</sub>	1.3

### Packaging

Terracem powder is supplied in 50 lb, 3-ply polylined bags, 48 bags per stretchwrapped pallet.

### Shelf Life

One year when stored in cool, dry conditions.

Contact your local Minova representative for more information.



## **Minova Americas Products**

**Bolts and Plates**

**Anchoring Products**

**Pumpable Cementitious Grouts**

**Airtite® Sealants and Coatings**

**Chemical Grouts**

**Minova Americas**  
150 Carley Court  
Georgetown, KY 40324 USA  
Phone 800 520 6621  
Fax 502 863 1374  
Email [sales.info@minovaint.com](mailto:sales.info@minovaint.com)  
Web [www.minovaamericas.com](http://www.minovaamericas.com)



A member of the Orica Group

### **Important Note: Warranty**

Minova USA Inc. warrants that its products, at the time of shipment, conform to the applicable descriptions set forth in the invoice and are free from defects in material and workmanship. NO OTHER WARRANTY, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING ANY WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE, SHALL EXIST IN CONNECTION WITH THE SALE OR USE OF ANY MINOVA USA INC. PRODUCT, AND ALL SUCH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED AND EXCLUDED.

All claims under this warranty must be made in writing to Minova USA Inc. within 15 days after discovery of the defect, and within 90 days of the date of shipment by Minova USA Inc. of the product claimed defective. Upon timely receipt of a claim, Minova USA Inc. shall have the option either to inspect the product while in Buyer's possession or to request Buyer to return the product to Minova USA Inc. for inspection. Claims not made as provided above and within the applicable time period will be barred. All warranties shall be null and void if the products have not been stored and used in accordance with procedures recommended by Minova USA Inc.

Minova USA Inc. shall, at its option, either replace the nonconforming or defective product or refund to Buyer its purchase price. The foregoing constitutes Buyer's sole and exclusive remedy for any breach of warranty.