



Multicrete Cementonite – Low Strength Fill

Technical Data Sheet

Product Description

Cementonite is an un-sanded bentonite-based grout that contains supplemental cementitious materials (SCM's) and carefully selected additives. It is designed to be a low strength, non-shrink pumpable grout with anti-washout properties.

Advantages

- Flowable
- Self-consolidating
- Non-shrink
- Resistant to wash out
- Sulphate resistant

Typical Properties

1. Mix cementonite grout to a flowable consistency. This will range from 27-30 liters of water (7.13 - 7.92 liquid gallons) per 20 kg bag. Water should not exceed 30 liters.
2. Introduce water into a clean high shear mixer then add cementonite grout while operating the mixer at medium speed.
3. Mix at high speed for at least **3** minutes. An agitation style mixer is not satisfactory for this material.
4. While periodically mixing it, this grout has a pot life of 24 hours.

Technical Data

TEST METHOD RESULTS (ASTM C109)

Compressive Strengths	MPa (PSI)
48 hours	Final Set
3 Days	0.4 (60)
7 Days	1.4 (200)

Densities	Kg/m ³
Minimum	1300
Maximum	1350

Packaging

Cementonite grout is available in either:

1800 kg bulk bag super-sacs (No pallet) **or**

20kg bags stacked 72 per pallet.

Safety Precautions

Cementonite grout contains Portland Cement and carefully selected additives. Normal safety wear such as dust masks, rubber gloves and skin protection gear must be used when handling. Avoid direct contact and wash exposed skin area promptly with water. If any cementitious material gets into eyes, rinse immediately and repeatedly with water and seek prompt medical attention. Safety Data Sheets (SDS) are available on request.