CWG Grout

Product Data Sheet

Description

CWG Grout is an environmentally friendly, flowable grout with specially recovered aggregates. The product is suitable for a range of applications and starts to set after 35 minutes and is totally set in 45.

CWG Grout is suitable for the following applications:

- Waterproof grouting.
- Grouting during repairs to sewers.
- Controlled soil stabilisation grouting.
- Void filling.
- Work around the sea.
- Wherever pollution or chemical attack is likely.

Properties

- Excellent adhesion.
- Low shrinkage.
- Excellent resistance to pure water & sulphated water.
- Excellent resistance to aggressive chemicals.
- Very good cohesion & mixing.
- Fine compact surface.
- No curing membrane necessary.
- Can be used in wet conditions.
- Can be used under water.
- Controlled setting.
- Fine particle size for greater penetration.
- Set down to zero.
- Can be injected in to artesian water bearing strata, as it contains no material to leach out into the aquifer.

Preparation

Do not use on frozen or over-heated substrates (0° - 30°).

Setting Times

CWG Grout is designed to **commence setting at 35 minutes and finish setting at 45 minutes** at 20°C. The set can be accelerated by using warm water. In hot temperatures, the set will be faster and can be slowed by using cold water or NATCEM® SETTING RETARDER (see separate product data sheet).

Yield

Generally, 1 x 25kg bag of CWG Grout mixed with 4 litres of water will produce **14 litres** of finished grout.

Setting Time & Strength Gain

Start Set **End Set**	**35 Minutes** **45 Minutes**
	Compressive Strength (Mpa)
3 Days 7 Days 14 Days 28 Days	12 15 17.50 18.50
Strength continues to develop thereafter.	

Placing

After mixing, apply the material as quickly as possible using traditional tools. Once setting has started DO NOT attempt to remix or to smooth the surface. This will cause the mechanical properties, in particular strength and adhesion to be lost.

Precautions & Storage

We strongly recommend the use of GLOVES, GOGGLES and MASKS. Full details are provided in the Safety Data Sheet. Clean all tools with water immediately after use.

Mixing

For optimum results, mix using conventional mixing machines.

ISO 9001 QUALITY MANAGEMENT
ISO 45001 HEALTH & SAFETY MANAGEMENT
ISO 14001 ENVIRONMENTAL MANAGEMENT

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