

METZ 11C

CEMENTITIOUS GROUT



DESCRIPTION:

Metz 11C grout is a mixture of cements, graded aggregates and special pigments used for grouting ceramic tiles.

Metz 11C conforms to Australian Standard AS ISO 13007.3-2013 for CG2 (cementitious grout) with the enhanced characteristics of reduced water absorption (W) and high abrasion resistance (A) meaning it complies with the requirements of AS3958.1-2007 Appendix E's requirement for use in swimming pools. It also fulfils the fast setting characteristics requirements as per AS ISO 13007.3-2013.

It is formulated to provide a strong uniform colour. Standard colours are white and grey. Other colours are available by special order, minimum quantities apply.

The grout contains a biocide to resist mould and mildew growth.

RECOMMENDED:

- For grouting ceramic tiles with joint widths from 1.5 to 12mm in both internal and external applications. It is suitable for fully immersed situations such as swimming pools.
- Quality Accreditation
The management system governing the development and manufacture of this product is proudly ISO9001:2015 certified.

NOT RECOMMENDED:

- For chemical resistant applications. Refer Metz range of chemical resistant materials.
- For use with natural stone or absorbent ceramic tiles. A test area should be done if there is any doubt about suitability.

PHYSICAL PROPERTIES:

Meets the following requirements of AS ISO 13007.3-2013.

Abrasion resistance		< 1000mm ³
Flexural strength		> 2.5N/mm ²
Compressive strength		> 15N/mm ²
Shrinkage		< 3mm/m
Water Absorption	30 min	< 2g
	240 min	< 5g

Note: Metz 11C is a cementitious grout and will darken slightly when wet and may otherwise change colour over time.

COVERAGE: Theoretical quantities (allow for wastage)

Nominal Tile Size	Joint Width	Usage
200 x 200 x 6mm	1.5mm	0.2 kg/m ²
250 x 125 x 7.5mm	6mm	0.8 kg/m ²
300 x 300 x 9.5mm	3mm	0.3 kg/m ²
300 x 600 x 9.5mm	3mm	0.2 kg/m ²
450 x 300 x 7mm	1.5mm	0.1 kg/m ²
450 x 450 x 9.5mm	3mm	0.2 kg/m ²

INSTRUCTIONS FOR USE

1. Application Temperature:

The recommended temperature range for application is 5°C to 35°C. At temperatures below 5°C, curing may be inhibited.

At temperatures above 35°C, pot life will decrease and curing may be affected.

2. Surface Preparation:

Grout joints must be clean and at least 6mm deep.

Very porous surfaces should be dampened with water before installation of grout.

3. Mixing:

a) Mixing:-

Mix Metz 11C with clean, potable water until a smooth paste consistency is obtained. Mixing ratio is 3.4 litres of water to 1 x 20kg bag of 11C, depending on conditions. Do not add more water, as this will affect the final strength of the product. For best results, mechanical mixing using slow speed drill mixer is recommended.

Allow mixture to stand for 5 minutes then remix prior to use.

b) Pot Life:-

Approximately 50 mins at 20°C .

c) Clean up:-

Mixing equipment and tools can be cleaned with water prior to the initial set of the grout.

4. Installation:

Apply mixed grout by squeegee or similar, ensure complete filling of joints.

Remove excess grout from the surface with sponge or clean absorbent materials dampened with clean water before grout begins to set. Excess water will reduce performance.

After application, prevent grout from drying out too quickly.

5. Setting/Curing:

Sets in 24 hours @ 20°C

Cures slowly, allow 3 weeks before immersion in pool water. If pool is exposed to rain such that grout is underwater any such underwater time must be added to cure time.

6. Storage:

Keep bags sealed and store in a cool, dry environment. Under these conditions, minimum shelf life is 6 months.

7. Safety Precautions:

Wear protective gloves. When mixing powder with water, wear dust respirator and safety glasses.

Avoid breathing dust.

For full safety precautions refer to the Safety Data sheet for this product.

Note: Metz has a fully detailed specification covering use of this material as part of a full system for permanent immersion conditions such as swimming pools. Please refer to Metz for a copy for any such project.

Always ensure you have the latest data sheet version, refer www.metz.net.au

1. The customer must comply strictly with the instructions contained in this product data sheet. Metz is not responsible for any advice or variations to this data sheet which are not confirmed in writing.
2. If the customer has a claim against Metz in respect of any product supplied to the customer by Metz whether due to a fault in the product or the negligence or breach of contract by Metz or for any other reason:
 - a) Metz shall not be liable for any loss or damage including consequential loss or damage or loss of profits arising thereby;
 - b) Metz may at its option replace the defective product free of charge to the customer or refund all payments made to it by the buyer in respect of the defective product; and the maximum liability of Metz shall be the cost of replacing the defective product.