

PRODUCT FAMILY

Non-Shrink Grout &
Repair Materials

MCT

MC-Grout

Flowable High-Strength Non-Shrink Cementitious Grout

Ready-to-use natural-colour grout with natural aggregate for precision grouting of equipment and structural elements. The source references CRD-C588-76 and CRD-C 621.

Bulk density	Approx. yield	28-day compressive strength	Packaging
1.4-1.5 kg/L	14 L / 25 kg	600 kg/cm ²	25 kg

Description

MC-Grout is a ready-to-use, non-shrink, high-strength grout for precision grouting from flowable to damp-pack consistency. It contains natural aggregate and provides an appearance similar to concrete and mortar.

Where to use

- Precision grouting beneath equipment, baseplates, soleplates and columns.
- Applications where shrinkage must be eliminated and high-strength grout similar in appearance to concrete or mortar is required.
- Non-shrink grouting of precast wall panels, beams and columns.

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Advantages

- Hardens without bleeding, settlement or drying shrinkage when mixed and placed at the appropriate consistency.
- Retains workable consistency under warm conditions as described in the source.
- Can be pumped into intricate or difficult-to-access areas.
- Provides a dense grout without gas-generating or air-release agents such as aluminium powder.
- Develops high strength at flowable consistency.
- Natural aggregate provides a concrete-like appearance.

Technical data

Colour	Grey
Bulk density	1.4-1.5 kg/L
Shelf life	12 months
Expansion	< 0.4% after 28 days
Mixing water per 25 kg bag	4 L ± 10%
Approximate yield	14.00 L per 25 kg

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Strength development & product data

Compressive strength - 1 day	200 kg/cm ²
Compressive strength - 3 days	350 kg/cm ²
Compressive strength - 7 days	500 kg/cm ²
Compressive strength - 28 days	600 kg/cm ²

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General precautions

- The source specifies a grout and contact-surface temperature range of approximately 7-40°C.
- Do not add water in an amount that causes bleeding or segregation.
- Outside the recommended temperature range, apply appropriate high- or low-temperature grouting procedures.

Packaging & references

- Packed in 25 kg moisture-resistant bags.
- MC-Grout S.R is also identified by the source for conditions requiring sulphate-resistant grout.
- CRD-C588-76
- CRD-C 621
- Flow reference: ASTM C230 - 5 drops in 3 seconds at 95% flow, as stated by the source.

