

PRODUCT FAMILY

Non-Shrink Grout &
Repair Materials

MCT

MC-N.S.P 213

Multi-Purpose Non-Sag Epoxy Paste

Two-component epoxy system with a soft paste consistency, suitable for anchoring, filling, bonding and structural repair on horizontal and vertical surfaces.

Pot life @ 30°C	Specific gravity @ 25°C	Cure time @ 30°C	Packaging
60 min	2 g/cm ³	6-8 hours	5.36 kg

Description

MC-N.S.P 213 is a two-component epoxy mortar / paste with a soft, non-sag consistency. It is used as a high-strength fixing, bonding, filling and structural repair material on both vertical and horizontal surfaces.

Where to use

- Fixing reinforcing bars, dowels, bolts and anchor rods.
- Filling cracks, joints, voids and defects in concrete surfaces.
- Installing coving seals at wall-to-floor junctions and similar joints.
- Structural restoration and repair where high strength and non-sag behavior are required.

MCT TECHNICAL DATA

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Advantages

- Non-sag and non-shrink.
- Easy to mix and apply on horizontal or vertical surfaces.
- Can be used at low temperature within the source limitations.
- Very high strength.
- Fast curing.
- High bond strength to concrete and resistance to corrosive environments, as stated by the source.

Technical data

Pot life @ 30°C	60 minutes
Specific gravity @ 25°C	2 g/cm ³
Cure time @ 30°C	6-8 hours
Tensile strength - 7 days	295 kg/cm ²
Compressive strength - 7 days	735 kg/cm ²

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Surface preparation & mixing

- Surfaces must be clean, sound and dry, free from paint, sealant, oils, grease, weak material and other contamination.
- Conventional preparation methods such as acid etching or mechanical scarification may be used as appropriate.
- Mix the product components thoroughly in the specified proportions until homogeneous before use.

Anchoring application

- Select the hole diameter to suit the reinforcing bar or anchor. The source example uses a 19 mm hole for a 13 mm bar.
- Hole depth should be not less than 10-15 times the bar diameter.
- Fill approximately one quarter of the hole depth with MC-N.S.P 213 immediately before inserting the anchor element.

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Limitations

- Application below an ambient temperature of 8°C is not recommended.
- Prolonged exposure above 80°C is not recommended.

Cleaning, safety & packaging

- Clean tools and equipment with a suitable epoxy thinner before the material hardens.
- Prevent material from entering the eyes and avoid direct skin contact.
- Shelf life is at least 1 year in unopened containers.
Packaging: 5.36 kg total - 5 kg resin + 0.36 kg hardener.

