

MORTAR 303 MC

High Strength Epoxy Mortar

GENERAL DESCRIPTION

AXEL MORTAR 303 MC is a 2 component ultra-high strength epoxy paste formulated as a patch repair mortar to repair concrete defects such as spalling, pot holes at walls or industrial floors.

AXEL MORTAR 303 MC is also designed for use as general purpose epoxy glue and can be used to bond a variety of different substrates used in construction together, such as glass or steel to concrete etc. It is not suitable for bonding to plastic.

RECOMMENDED USES

- * Concrete walls
- * Concrete edging
- * Joint filler
- * Similar grouting applications as in concrete structures
- * Concrete floors
- * Column bases
- * Crack lines

CHARACTERISTICS & ADVANTAGES

- * High compressive & bond strength
- * General chemical resistant properties
- * Reduced maintenance cost
- * Re-coatable with most solvent epoxy system
- * No rusting or staining on exposed edges
- * No corroding
- * Seamless joints
- * Anti dust & easy to clean
- * Very hard & durable
- * Controlled shrinkage, ensuring positive surface contact

COVERAGE

Depending on site situation

COLOURS

Concrete Grey

PACKING

1 kg per set (Part A: 0.5 kg per can Part B: 0.5 kg per can)
5kg per set (Part A: 2.5 kg per pail Part B: 2.5 kg per pail)

STORAGE

Store in a dry, cool and shaded place

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SURFACE PREPARATIONS

For concrete repair:

The substrates shall be clean, dry and free from oil or grease. Remove any loose or honeycomb concrete until a firm base is achieved. Mix Part A and B preferably with a mixer tool. However, if hand mix is used care must be taken to ensure that it is mixed evenly. Place the freshly mix **AXEL MORTAR 303 MC** on to the substrate. Discard any balance materials when it begins to set.

METHOD OF APPLICATION

- * Use either hand mixing or mechanical mortar mixing, preferably of the paddle or revolving drum type.
- * Allow approximately 5 minutes mixing. Thorough mixing is essential for achieving maximum results.
- * **AXEL MORTAR 303 MC** mortar should be placed within 20 minutes of mixing.
- * During that time keep material in mixer well agitated.
- * After 25 minutes, discard any grout mix that shows signs of stiffening.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened and or cured material can only be mechanically removed.

TECHNICAL SPECIFICATIONS

No. of components	Two	
Pot life (28°C)	30 mins	
Mix ratio	1:1	
Compressive strength	70N/mm ²	after 7 days at 25°C
Tensile strength	4.5 N/mm ²	
Density	1.77 kg/litre at 25°C	
Flexural strength	25 N/mm ²	
Bond strength	>5 N/mm ²	concrete failure
Initial set	Approximately 1 hour	
Full cure	7 days	
Water absorption	< 0.5%	

SHELF LIFE

12 months from the date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions.

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