

MYGROUT R500

MyGrout R500 is a shrinkage compensated fibre reinforce repair mortar for vertical, horizontal and overhead application.

USES FOR

- Repairing patches for vertical, horizontal and overhead application.
- Repairs for areas of 5mm to 30mm thickness in a single layer.
- Reinstatement of concrete pavements, floors and walls.
- Levelling of uneven surfaces prior to application of surface coating.
- Repairs to spalled concrete caused by corrosion of steel reinforcement.
- Repairs to concrete with damaged corners and edging.
- Repairs to sewer tanks, facade walls.

SURFACE PREPARATION

Saw cut or cut back the extremities of the repair locations to a depth of at least 10mm to avoid feather edging and to provide a square edge. Break out the complete repair area to a minimum depth of 10mm up to sawn edge. Clean the surface and remove any dust, unsound or contaminated material, plaster, oil, paint, grease, corrosion deposits or algae. Where breaking out is not required, roughen the surface and remove any laitance by light scrubbing or grit blasting or the use of a proprietary degreaser should remove oil and grease deposits. Expose fully any corroded steel in the repair area and remove all loose scale and corrosion deposits. Steel should be cleaned to a bright condition, paying particular attention to the back of exposed steel bars. Grit blasting is recommended for this purpose. Steel reinforcement should be treated prior to application of repair mortar.

MIXING

Add 25kg bag of **MyGrout R500** to approximately 4.5-5.0 litres of clean water. Mix thoroughly for 3-5 minutes using mechanical mixer until the homogenous paste is achieved and lump free.

APPLICATION

1. The substrate should be thoroughly soaked with fresh clean water and any excess removed prior to application of **MyGrout R500**.
2. It is essential to prime the substrate prior to application of **MyGrout R500** with MyMix 368 by using brush. Allow primer to reach a tacky consistency.
3. **MyGrout R500** must be mixed with a mechanical forced action mixer with a high shear stirrer. Add between 4.5 to 5.0 litres of clean water into the mixing vessel and with the mixer in operation, add one full 25kg bag of **MyGrout R500** and mix for 3 to 5 minutes until fully homogeneous.
4. Apply the mixed **MyGrout R500** to the prepared substrate by gloved hand or trowel. Thoroughly compact the mortar onto the primed substrate and around the exposed reinforcement.
5. **MyGrout R500** is finished by striking off with a straight edge and closing with a steel float, wooden, plastic floats, or damp sponges may be used to achieve the desired surface texture. The completed surface should not be overworked.

TECHNICAL DATA

TECHNICAL DATA (typical values) at 23°C / 50% RH	
Appearance	Powder
Colour	Grey
Wet density (g/cm³)	App 2.1
Dry solids content (%)	100
Mixing ratio	App 4.5 to 5.0 water in 25Kg powder
Application Thickness	5mm to 40mm
Compressive Strength, Mpa, 28 days	20Mpa