

## ZEROSET<sup>®</sup> MORTAR

**PRODUCT CODE:** 3540 - 2.5 LITRE pack      3541 - 10 LITRE pack

**DESCRIPTION:** **ZEROSET MORTAR** is a 3-component low modulus epoxy resin system formulated for installation in critical environments where vibration and movement are beyond the capability of cementitious polymer mortars.

**PACKAGING:** Materials supplied in non-returnable plastic containers for ease of mixing. Other pack sizes by agreement.

**PREPARATION:** Concrete surfaces should be clean and free from laitance. Steel surfaces should be clean and free from loose rust, grease and millscale. All surfaces should be coated with Rotafix **P12 PRIMER** prior to application of **ZEROSET MORTAR**.

**MIXING:** The use of paddle and slow speed drill is essential for homogenous mixing (equipment can be supplied by Rotafix). Mix base and curing agent for 2-3 minutes, add all the aggregate and mix for a further 3 minutes.

**APPLICATION:** Place the mix onto the primed surface and compact well with float. Finish the surface with a steel trowel. Cleaning the float with a damp cloth will aid the finishing.

**COVERAGE:** 2.5 litres (4.7 kg) covers 0.5m<sup>2</sup> at 5mm thick.  
10 litres (19 kg) covers 2.0m<sup>2</sup> at 5mm thick.

**CURE SCHEDULE:** Pot life for a 2.5 litre pack is approximately 40 minutes @ +20°C.  
Initial cure 6 hours. May be trafficked between 24 - 36 hours.

**CURED PROPERTIES:** Colour: Black  
Density: 1900 kg/cubic metro  
Flexural Strength: 17 N/mm<sup>2</sup> (Provisional)  
Tensile Strength: 16 N/mm<sup>2</sup> (Provisional)  
Compressive strength: Deforms under load at 15-18 N/mm<sup>2</sup>

**ZEROSET MORTAR** will be suitable for light vehicular traffic in 18-24 hours depending on temperature.

**SPECIFIC USES:** **ZEROSET MORTAR** has particular applications for bridge expansion joint transition strips, flooring environments subjected to flexing and conditions where installation of the material is required at sub-zero temperatures.

**CLEANING OF TOOLS:** Uncured **ZEROSET MORTAR** may be readily removed from tools and equipment with Rotafix **S200 PC SOLVENT CLEANER**. Mechanical methods are required to remove cured material.

Epoxy resins and their associated curing agents can cause irritation to some people.  
Please take the necessary precautions indicated in the COSHH details available from our offices.  
Please read our Users Safety Guide on the Handling of Resin and Polymer products.

The information in this document is based on practical tests, but given without guarantee inasmuch as methods of use by others is beyond our control. Due to continuing development and improvements, it may be necessary to change without notice the material specification. All goods are sold subject to our Standard Conditions of Sale.

**ZEROSET<sup>®</sup>** is a Registered Trade Mark of Rotafix (Northern) Ltd.

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