



Specialist Cementitious Products

Rapid Repair

Description	Rapid Repair is a high performance product offering fast curing times with early high compressive strength characteristics, excellent adhesion qualities, is hydrophobic and can be trowelled to a smooth finish. Rapid Repair has a design life of better than 50 years when applied in the correct application.
Applications	Repairs to water treatment plants - fresh, grey and black. Water storage facilities - fresh, grey and black. Repairs to flooring-domestic, factory and particularly suited to Rendering plants. Floor loadings should not exceed 35MPa. General repairs to manholes and most concrete products.
Performance	Rapid Repair will set in 17 minutes from mixing and will achieve 20MPa compressive strength within 2 hours at ambient temperature of 16°C.
Conditions	As the ambient temperatures affects the curing time of Rapid Repair it is best used in temperatures of between 7°C and 25°C. The water content will also affect the curing time. Once mixed Rapid Repair will set in 17 minutes at ambient temperature of 16°C
Tests	Tests show that compressive strengths will be achieved as follows: 2 hours – 20.0MPa: 24 hours –36MPa & 28 days – 45.0MPa Rapid Repair tests were carried out in accordance with NZ3112 and is designed to conform to NZS4210:2001
Health & Safety	Rapid Repair is a cement based product and contains no additional aggressive products. See packaging for full details.



Rapid Repair

Packaging	Packed in 30kg waterproof bags. When stored in cool dry conditions it will have a shelf life of 3months.
Directions for use	<p>The area to be coated must be thoroughly clean and free from grease, oil and loose material; it can be damp, but not wet.</p> <p>Mix 130mls of clean water to 1kg of Rapid Repair, mix thoroughly to an even consistency and apply with a trowel and float to the desired finish.</p> <p>Only mix the amount required to effect the repair and do not leave the product standing. Once the product has been placed and 'finished off' do not rework it as the effectiveness of the finished product may be compromised.</p> <p>Under normal ambient conditions it will set in 17 minutes, <u>from mixing</u>, and will be fully cured in 24 hours.</p> <p>Rapid Repair is suitable for repairs 10mm to 100mm in depth and should be always placed in one layer. Where depths exceed 25mm wire reinforcing should be used. If a 'feather edge' is required Multi-Cote should be used as a primer coat.</p>
Disclaimer	Although the technical details and recommendations contained in this document correspond to the best of our knowledge and experience, all the above information must in every case be taken as merely indicative and subject to confirmation after long term practical applications. For this reason, anyone who intends to use the product must ensure, before hand, that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Mastermix Ltd. 21R Bergin Rd, Foxton. 06 363 5686
fax 06 363 7100

E mail mastermix@mastermix.co.nz