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 3 months.

## Directions for use
The area to be coated must be thoroughly clean and free from grease, oil and loose material; it can be damp, but not wet.

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.

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.

Under normal ambient conditions it will set in 17 minutes, from mixing, and will be fully cured in 24 hours.

**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.

## 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.