

RB 1.01 REPAIR MORTAR REPAIRS TO 'ABOVE WATER' MARINE STRUCTURES

**This is a general methodology; for project-specific methodologies, please contact us.*

1

Waterblast repair zone with a high-pressure water blaster.



2

Grind/scabble concrete back to solid concrete.

This would involve removing any damaged concrete, and zones that are cracked due to corroding re-bar in the concrete.



3

Clean back any exposed steel (remove rust) and prime with RB 1.00 Primer for Steel.



4

Apply RB 8.03 290/190 Epoxy Tie Coat to guarantee 100% bond between new repair material and original concrete.



5

Apply RB 1.01 Repair Mortar and trowel finish level with existing concrete.

The Repair Mortar must be applied while the Tie Coat is still tacky (within 2-3 hours).



6

For sections greater than 80mm deep, apply in two passes.



7

For applications carried out in warm or dry windy weather, it is good practice to spray the surface of the repaired area with RB 7.11 Membrane Cure as soon as the mortar has been finished.



8

Leave to cure. Repair mortar will reach approx. 20MPa in 24 hours and 60MPa after 28 days.

