



Sealing cracked and eroded concrete water troughs and Reservoir Water tanks using Duromastic Bitumen

It is essential to empty, clean and dry the interior of the tank/ trough to assess the best method of repair. Regis Industrial Ltd staff will be glad to advise on the best repair method, but generally the following procedure will be recommended.

1. Remove any loose aggregate in the area to be coated using a brush, vacuum or Waterblaster. Area must be structurally sound and free of contamination .
2. Ensure area is no more than slightly damp. Prime area with one heavy coat of Duromastic EP Hibuild @ 5m²/ litre. Duromastic EP Hibuild is a non-solvent, two pack epoxy sealer. Allow to dry.
3. Stir Duromastic BE-3 thoroughly. DO NOT THIN BITUMEN.
4. Bandage all significant cracks and base/ wall junction using chopped strand fibreglass cloth cut into strips 100-200mm wide as follows: Coat the area over cracks with a heavy coat of Duromastic BE-3 bitumen using a soft brush/ broom then immediately lay C.S matting onto the wet bitumen, then apply bitumen over and work in well with brush.
Continue to apply bitumen to ensure no pin holes in cloth. Apply one heavy coat to entire wall and floor. Allow to dry.
5. Over coat complete area with one or two more coats of Duromastic BE-3. Apply each coat at right angles to previous to ensure a thick even build. Final coverage should be 1-1.5 litres/ m².
6. **IMPORTANT:** Ensure bitumen is thoroughly dry and cured before filling tank with water. A simple test to check if cured is to use a clean **damp** cloth, lightly rub over dry coating. No staining should be evident on cloth.

Refer to specific current product data sheets before use.

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Statements made are based on experience and tests believed to be reliable and should be taken as a general guide only. The users must satisfy themselves as to the suitability for a particular application. Since the use of this product is beyond the control of the manufacturer no warranty is expressed or implied.

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