

THIS METHOD STATEMENT COVERS THE SEALING OF NON-STRUCTURAL STATIC CRACKS IN CONCRETE.

A SMOOTH EPOXY PASTE SUITABLE FOR SEALING CRACKS, BLOW HOLES AND OTHER SURFACE DEFECTS IN CONCRETE.

METHOD STATEMENT: MasterBrace ADH 2200 (7.5kg kit)

1. GENERAL:

- 1.1. Chase the crack using a diamond concrete cutting disk and small angle grinder to open up the crack in a single cut and to a depth of 5-10mm (max). It is not necessary to create a Vee cut as this tends to make the repair much wider and more obvious that is necessary.
- 1.2. Wire brush, then blow / vacuum dust and debris from the crack.

2. MIXING:

- 2.1. The mixing of a full kit of **MasterBrace ADH 2200** (7.5kg) should be done using a spiral mixer and heavy-duty drill.
- 2.2. Mix components PTA and PTB together until a uniform streak free colour is obtained. In cold weather if the mixed material is too stiff to apply, mix the material using rubber gloved hands that have been dipped in water. The inclusion of the moisture will make the material smoother. Alternatively, pre-heat the two components (in their containers) in warm water.
- 2.3. Partial mixing of **MasterBrace ADH 2200** tends to be the norm and should be carried out using the 60/40 ratio of PTA to PTB by volume and mixing should be done on a non-absorbent surface using a suitable flexible steel scrapper / trowel until a smooth streak-free colour is obtained.

3. APPLICATION:

- 3.1. Using a spatula, apply the **MasterBrace ADH 2200** into the routed-out crack, forcing the material into the concrete surface.
- 3.2. Smooth off the surface with the spatula.
- 3.3. To fill blow holes etc. in concrete prior to overcoating, tight trowel the **MasterBrace ADH 2200** into the prepared surface.

4. TEMPERATURE CONDITIONS:

- 4.1. This repair system shall be used when the surface and ambient temperature is above 10°C and will remain so during the curing period.
- 4.2. In hot weather areas to be repaired shall be shaded from direct sunlight.

5. CURING:

5.1. No curing is required.

STATEMENT OF RESPONSIBILITY

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