

# MasterSeal® 530

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Surface applied capillary waterproofing for concrete and mortar

THIS METHOD STATEMENT COVERS THE PREPARATION AND APPLICATION OF **MasterSeal 530**.

## METHOD STATEMENT: **MasterSeal 530**

### 1. PREPARATION:

- 1.1. Concrete surfaces to which **MasterSeal 530** is to be applied must be free of compounds that may block the pores and capillaries of the concrete.
- 1.2. Remove oil, grease, curing compounds, paint, water repellents, polymer modified render.
- 1.3. Remove all laitance to leave a lightly textured open surface.
- 1.4. Honeycombing shall be cut out and repaired with **MasterEmaco S 5400** (refer to **MasterEmaco S 5400** method statement)
- 1.5. Live water leaks shall be sealed with **MasterSeal 590** (refer to **MasterSeal 590** method statement)

### 2. MIXING:

- 2.1. Water is mixed with **MasterSeal 530** powder at two volumes of water to 4.5 or 5 volumes of **MasterSeal 530** powder.
- 2.2. Add the water to the powder while mixing.
- 2.3. Use a rod or drill and paddle depending on the volume being mixed, to mix to a smooth lump free consistency.
- 2.4. Mix only that amount of **MasterSeal 530** than can be applied within 15 - 20 minutes from mixing.

### 3. APPLICATION:

- 3.1. The surface to which the **MasterSeal 530** is to be applied must be damp, preferably in a saturated but surface dry condition, with no standing or running water on the surface.
- 3.2. Apply by brush to the damp substrate at the rate of 1kg/m<sup>2</sup>.
- 3.3. When the first coat is firm but still green, apply a second coat at right angles to the first at the rate of 1kg/m<sup>2</sup>.

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## 4. CURING:

- 4.1. If the **MasterSeal 530** has been applied in a situation where it may dry rapidly following application, wet curing is required.
- 4.2. Keep the **MasterSeal 530** damp for not less than 5 days by fog spraying with water and covering with polythene sheet.
- 4.3. Do not use curing compounds to cure **MasterSeal 530**.
- 4.4. Filling water tanks 24 hours after application of the final coat will accelerate the growth of crystals in the pores of the concrete.

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