

THIS METHOD STATEMENT COVERS THE PREPARATION & APPLICATION OF  
**MasterTop 1120.**

**METHOD STATEMENT: MasterTop 1120**

**(Smooth Finish - Walls and Floors) or (Slip Resistant Finish - Floors)**

**1. SUBSTRATE PREPARATION:**

- 1.1. Prior to starting preparation, close the area to be prepared to all traffic and other trades.
- 1.2. The preferred methods of substrate preparation are; captive blasting using fine shot, or surface grinding. Acid etching is not recommended.
- 1.3. If any part of the floor is contaminated by oil, grease or fat, the contamination shall be removed before other forms of preparation are undertaken.
- 1.4. Prepare the horizontal concrete substrate using the chosen method, removing all weak or friable laitance and concrete. The finished surface should have the texture of fine to medium grade sandpaper. Walls should be rubbed down and resultant dust etc. completely removed.
- 1.5. Surface defects such as shrinkage cracks, blow holes, minor honeycombing, minor damage to joint arises etc. shall be filled with **MasterBrace ADH 2200** or **MasterTop 2200** a thixotropic two component epoxy surface filler. Larger repairs can be carried out using products from the **MasterEmaco** repair range.
- 1.6. When floor preparation is complete, vacuum the area to remove all dust and debris.

**2. APPLICATION:**

- 2.1. **MasterTop 1120** can be applied by brush, roller or spray.
- 2.2. **MasterTop 1120** shall be applied to a dry substrate.
- 2.3. When applied indoors, adequate ventilation shall be provided to ensure proper curing.
- 2.4. Do not apply when relative humidity is 90% or more, or when the dew point is reached.
- 2.5. Do not apply when the temperature of the substrate is less than 10°C.

**3. PRIMER / SEALER COAT: (If required for Porous substrates)**

- 3.1. On porous substrates the first coat of **MasterTop 1120** may be diluted with up to 10% by volume (maximum) Xylene, MEK or Acetone thinner.
- 3.2. Pour the reactor into the base component and mix for 1 minute, using a slow speed drill (300 rpm) fitted with a paint mixing head or a spiral mixer, add the solvent if required and mixing for a further 1 minute.
- 3.3. Apply the primer / sealer coat to the surface at **approx. 8-10 m<sup>2</sup>/L** depending on surface porosity and absorption and allow to dry.

- 3.4. Inspect the surface for defects such as blow holes, pin holes etc. and fill as required, using **MasterBrace ADH 2200** or **MasterTop 2200** and abrade when set.
- 3.5. Allow to cure 12 hours before over coating.

**4. 1st COAT:**

- 4.1. Mix as above in 3.2 but **do not add any solvent.**
- 4.2. Apply the 1st coat at right angles to the primer / sealer coat (where applied), ensuring total coverage of the substrate at **approx. 6.5 - 7 m<sup>2</sup>/L** depending on surface porosity and allow to dry.
- 4.3. Inspect the surface for defects such as blow holes, pin holes etc. and fill as required, using **MasterBrace ADH 2200** or **MasterTop 2200** and abrade when set.
- 4.4. Allow to cure 12 hours before over coating with the top coat.

**5. TOP COAT:**

- 5.1. Mix as 3.2 but **do not add any solvent.**
- 5.2. Apply the second coat at right angles to the first coat, ensuring total coverage of the substrate at **approx. 5-6 m<sup>2</sup>/L.**
- 5.3. Further coats can be applied if required.
- 5.4. Allow to cure for 24 hours before allowing access to traffic. Full chemical cure 72-96 hours.

**6. SLIP RESISTANT FINISH:**

- 6.1. Preparation and Primer /Sealer (Where required) as above Items 1 - 3.5.
- 6.2. For the 1<sup>st</sup> coat, apply **MasterTop 1120** at **approx. 5 m<sup>2</sup>/L (0.2 L/m<sup>2</sup>).**
- 6.3. While the **MasterTop 1120** is still wet, broadcast **MasterTop SR 1** aggregate over the surface to saturation (**approx. 1.5 - 2.0 kg/m<sup>2</sup>**). Allow to cure for 12-24 hours depending on temperature.
- 6.4. Remove excess aggregate by vacuum or sweeping with a stiff brush. Recovered aggregate may be reused.
- 6.5. Mix and apply **MasterTop 1120** as in section 5 at a rate of **approx. 5-6 m<sup>2</sup>/L.**
- 6.6. Deny the area to traffic and liquid spillage and allow to cure for 48 hours.

**NB:** Any masking tape used during the application process should be removed before the resin hardens.

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**STATEMENT OF RESPONSIBILITY**

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