

METHOD STATEMENT: SENERFLEX FINISHES

1. PREPARATION:

- 1.1. All areas not to be coated, but which may be affected by spillage or overspray shall be fully masked. Flora and fauna shall be protected.
- 1.2. All surfaces shall be free from oil, grease, friable matter and general curing compounds (wax-based curing membranes shall not be used in areas to be overcoated).
- 1.3. Concrete surfaces shall be cleaned using high pressure water jetting, grit blasting or other methods approved by the Engineer.
- 1.4. Arrises shall be rounded off and surface protrusions shall be ground down to ensure a smooth substrate.
- 1.5. Verify substrate is flat, free of fins or planar irregularities greater than 7mm in 3m. Blowholes and depressions shall be filled with a scrape coat of **MasterEmaco N 907**.

2. SURFACE TREATMENT

2.1. POURED CONCRETE OR UNIT MASONRY

FILLING OF BLOWHOLES AND / OR SURFACE LEVELLING WITH **MasterEmaco N 907**.

- 2.1.1. **MasterEmaco N 907** is supplied as a two-component product. Mixing is by adding the powder component to the liquid component at a steady rate whilst using a forced action mixer or slow speed drill fitted with a suitable mortar mixing paddle.
- 2.1.2. Mix the material for approximately 4 minutes until a smooth consistency with no lumps is achieved.
- 2.1.3. The mortar shall be applied by steel float to the previously prepared substrate to achieve the desired lines and levels and ensuring complete filling of voids and blowholes.
- 2.1.4. Finishing shall be with a steel float with the minimum amount of trowelling. A small quantity of water can be used to aid finishing.
- 2.1.5. **MasterEmaco N 907** shall be used when the ambient temperature is between +5°C and 35°C.
- 2.1.6. Substrate temperatures shall not be less than 5°C. In hot weather areas to be repaired shall be shaded from direct sunlight.

2.2. GYPSUM SHEATING, DENSE GLASS GOLD AND CEMENT BOARDS

AIR/WEATHER BARRIER - MasterSeal AWB 661HP or MasterSeal AWB 661I

- 2.2.1. Thoroughly mix the factory prepared **MasterSeal AWB 661HP** or **MasterSeal AWB 661I** with a clean, rust-free drill and paddle until homogeneous.
- 2.2.2. Never dilute the **MasterSeal AWB 661HP** or **MasterSeal AWB 661I**.
- 2.2.3. Apply **MasterSeal AWB 661HP** or **MasterSeal AWB 661I** air/weather barrier. All sheathing joints and windows/openings must be protected.
- 2.2.4. Immediately place sheathing fabric minimum 100mm wide and center over wet **MasterSeal AWB 661HP** or **MasterSeal AWB 661I**. Embed the sheathing fabric into the

MasterSeal AWB 661HP or **MasterSeal AWB 661I** by troweling from the center to the edges. Ensure mesh extends evenly on both sides of the sheathing joint.

- 2.2.5. Lap mesh 65mm minimum at intersections
- 2.2.6. Apply **MasterSeal AWB 661HP** or **MasterSeal AWB 661I** over entire approved substrate with stainless steel trowel or a prewet new roller at a minimum wet film thickness of 250 - 330 microns.
- 2.2.7. Once the first coat of **MasterSeal AWB 661HP** or **MasterSeal AWB 661I** has cured, visually inspect to ensure that the surface is blister free and coating is free of voids and pin holes. Carry out repair if needed by applying additional **MasterSeal AWB 661HP** or **MasterSeal AWB 661I** such that the **MasterSeal AWB 661HP** or **MasterSeal AWB 661I** is free of voids, pinholes, etc.
- 2.2.8. Apply a second coat of **MasterSeal AWB 661HP** or **MasterSeal AWB 661I** at a consistent minimum wet film thickness of 250 - 330 microns.
- 2.2.9. After the **MasterSeal AWB 661HP** or **MasterSeal AWB 661I** has cured (scratch proof) apply Alpha dry base coat using stainless steel trowel to smoothen the surface.

3. TINTED PRIMER – SENERGY TINTED PRIMER

- 3.1. Thoroughly mix the factory-prepared material with a clean, rust-free paddle until thoroughly blended.
- 3.2. A small amount of clean, potable water may be added to adjust workability.
- 3.3. Additives are not permitted.
- 3.4. Close container when not in use.
- 3.5. Clean tools with soap and water immediately after use.
- 3.6. Apply **Tinted Primer** to the substrate with a sprayer, 10mm nap roller, or good- quality latex paint brush at a rate of approximately 3.6–6.1 m² per litre.
- 3.7. **Tinted Primer** shall be dry to the touch before proceeding to the Senergy Finish Coat application.

4. FINISH COAT – Senergy Finishes

- 4.1. Thoroughly mix the factory prepared **Senergy Finishes** with a clean, rust-free paddle until thoroughly blended.
- 4.2. A small amount of clean, potable water may be added to adjust workability.
- 4.3. Additives are not permitted.
- 4.4. Close container when not in use.
- 4.5. Clean tools with soap and water immediately after use.
- 4.6. Apply Finish Coat: [Classic] [Fine] [Texture] [Coarse] [Sahara] [Belgian Lace] directly to the dry **Tinted Primer** with a clean, stainless steel trowel at a rate approximately as below mentioned.
 - 4.6.1. Classic finish - 2.5 kg per m²
 - 4.6.2. Fine finish - 2.2 kg per m²

- 4.6.3. Texture finish varies depending upon texture
- 4.6.4. Coarse finish - 3.9 kg per m²
- 4.6.5. Sahara finish - 2.9 kg per m²
- 4.6.6. Belgian Lace - 2.2 kg per m²
- 4.7. Apply and level **Senergy Finishes** during the same operation to minimum obtainable thickness consistent with uniform coverage.
- 4.8. Maintain a wet edge on **Senergy Finishes** by applying and leveling continually over the wall surface.
- 4.9. Work **Senergy Finishes** to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area.
- 4.10. Float **Senergy Finishes** to achieve final texture.

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