

MONOLEVEL RM



USES

Rendering and profiling of concrete to provide a fair faced finish.

COLOUR

Concrete grey.

THICKNESS

Minimum 5mm, maximum 50mm in a single layer.

TECHNIQUES

Hand, float, trowel and spray (consult Spray Pumping Equipment Application Guide).

PREPARATION



1. Remove all loose material, dust, surface laitance, oil, grease and any other form of contamination.
2. Fill larger voids with a Flexcrete mortar.
3. Clean exposed steel back to bright metal.
4. Brush apply **STEEL REINFORCEMENT PROTECTOR 841** to the steel in two 1mm coats. Allow the first coat to stabilise before applying the second coat.
5. Thoroughly soak the substrate with clean water until fully saturated. Remove excess water.
6. No primer required except when treating highly porous concrete.

MIXING



2-3 mins

1. Pour 2.3 to 2.7 litres of clean water into mixing vessel and add a bag of powder. Always add powder to water.
2. Typically use 2.5 litres per bag for render applications.
3. Mix using slow speed drill and EPI paddle with a maximum speed of 750rpm, or in a forced action mixer. Mix for 2 to 3 minutes to an even consistency.
4. For larger areas consider using a mixer pump. See separate Spray Equipment Application guide.
5. Use without delay.

APPLICATION

1. Work an initial 5 to 10mm of **MONOLEVEL RM** into the substrate by float or trowel, ensuring it is well adhered.
2. When using wet spray techniques, apply 5 to 10mm to the area before building up to larger depths.
3. Build up to 50mm in a single layer. Formwork can be used to allow for compaction if working to reveals etc.
4. Allow surface to stabilise before profiling with a steel float to achieve a high quality finish.
5. For repairs which require multi-layer applications, it is important to ensure that previous layers are well keyed and stable, but not fully set, prior to the application of subsequent layers.
6. Immediately spray apply **CURING MEMBRANE WB** to aid curing.



WORKING LIFE

Approx. 30 minutes at 20°C.

YIELD

14.5 litres per 25kg bag at 2.5 litres water addition.

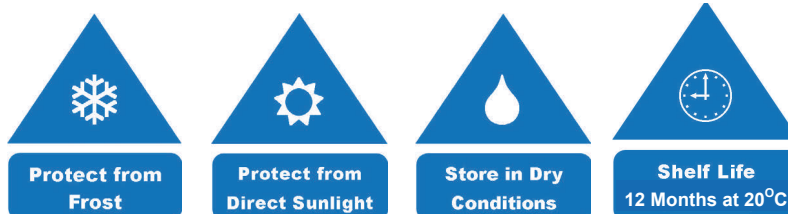
COVERAGE (Typical)

Thickness	Coverage per 25kg Bag (m ²)
10 mm	1.45
25 mm	0.58
50 mm	0.29

CLEANING

Clean tools with water immediately after use.

STORAGE AND SHELF LIFE



HEALTH AND SAFETY

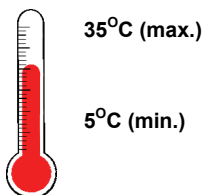
- R36/37/38: Irritating to eyes, respiratory system and skin.
- R41: Risk of serious damage to eyes.
- See Material Safety Data Sheet (MSDS) for full information.

PPE



TOP TIPS

1. **DO NOT WET OUT OR PRIME** between layers.
2. If mortar thickens, remix but **DO NOT ADD EXTRA WATER**.
3. Remove trowel marks using a wooden float, steel float or damp sponge once the surface has stabilised. Work in one direction to avoid fibres wicking.
4. Can be overcoated with Flexcrete membranes to give a coloured, aesthetic finish.
5. Cold Weather Working (see separate Guide)
 - $\geq 3^{\circ}\text{C}$ on a rising thermometer.
 - $\geq 5^{\circ}\text{C}$ on a falling thermometer.
6. Hot Weather Working (see separate Guide)
 - Store material in cool conditions to maximise working life.
 - Shade applied material from strong sunlight.
 - Spray apply a second coat of **CURING MEMBRANE WB**.
 - If possible, avoid extreme temperatures by working at night.



APPLICATION RANGE

35°C (max.)

5°C (min.)



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The information herein is correct to the best of our knowledge, but it does not necessarily refer to the particular requirements of the customer. If the customer has any particular requirements it should make them known in writing to Flexcrete Technologies Limited, and obtain further advice accordingly.

FM 41091
EMS 597350
OHS 597351

Quality
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