

# MONOLEVEL 250F



## USES

Filling blow holes, cracks, surface defects and uneven surfaces in sound existing paint finishes as well as concrete prior to application of Flexcrete anti-carbonation coatings.

## COLOUR

White.

## THICKNESS

0-4mm maximum.

## TECHNIQUES

Bag rub, trowel or float.

## PREPARATION



1. Remove all unsound material, dust, flaking paint, oil, grease, organic growth and all other forms of contamination.
2. Remove visible areas of growth and associated loose paint or substrate using mechanical methods. Treat with **BIODEX WASH**.
3. Thoroughly soak concrete substrates with clean water until fully saturated. Remove excess water.
4. Roughen hard glossy finishes using mechanical methods, clean existing paint finishes using a power washer and allow to dry.

## MIXING



2 mins

1. Pour 5 to 6 litres of water into a clean mixing vessel and add a bag of powder. Always add powder to water.
2. Typically use 6 litres of water for normal applications.
3. Part bags can be mixed using a ratio of 3.5-4.5 volumes of powder to 1 volume of clean water.
4. Mix using slow speed drill and EPI paddle with a maximum speed of 750rpm, or in a forced action mixer. Mix for 2 minutes to an even consistency.

## APPLICATION



1. **Large voids and surface defects:**
  - Pre-fill large voids and defects using **MONOLEVEL 250F** mixed to a stiffer consistency applied by palette knife or steel float.
  - Allow to stabilise and apply a fine skim coat at a wetter consistency to give a fair faced finish.
2. **Blow holes, cracks and uneven surfaces:**
  - Apply by wooden or sponge faced float or by "bag rubbing" techniques using a circular motion.
  - Remove excess material using a steel float and any residue using a dry sponge before the material has fully hardened.
3. **Fairing coat:**
  - Work an initial thin layer into the surface using a steel float to fill blow holes and minor defects. Build up to a maximum of 4mm.
  - A smooth finish is achieved by using a steel float or alternatively use a wooden or sponge faced float to give a textured surface ideal for application of subsequent decorative finishes.
  - Immediately spray apply **CURING MEMBRANE WB** to aid curing.

## OVERCOATING

1. Allow to cure for a minimum of 24 hours.
2. Apply the appropriate Flexcrete decorative anti-carbonation coating.

## WORKING LIFE

Approx. 60 minutes at 20°C.

## YIELD

White: 16.2 litres per 25kg pack at 6.0 litres water addition.

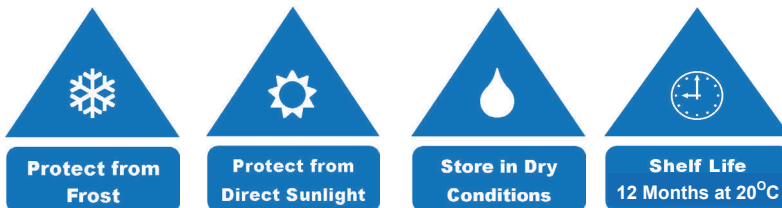
## COVERAGE (Typical)

Thickness	Coverage per 25kg unit (m <sup>2</sup> )
	White
1 mm	16.2
2 mm	8.1
4 mm	4.05

## CLEANING

Clean tools with water immediately after use.

## STORAGE AND SHELF LIFE



## HEALTH AND SAFETY

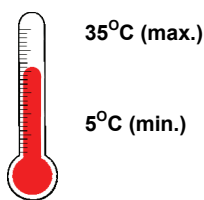
- R36/37/38: Irritating to eyes, respiratory system and skin.
- R41: Risk of serious damage to eyes.
- See Material Safety Data Sheet (MSDS) for full information.

## PPE



## TOP TIPS

1. Finish in the same direction to produce an even texture.
2. Ensure all applicators use the same application techniques to avoid variation in final finish.
3. Apply from the top working down to avoid contaminating previously treated areas.
4. When treating large flat panel areas, divide the surface into smaller sections using either lines from joints in the formwork or masking tape. Treat each section within the working life of the mixed material.
5. If mortar thickens, remix but **DO NOT ADD EXTRA WATER**.
6. Cold Weather Working (see separate Guide)
  - ≥3°C on a rising thermometer.
  - ≥5°C on a falling thermometer.
8. Hot Weather Working (see separate Guide)
  - Store material in cool conditions to maximise working life.
  - Shade applied material from strong sunlight.
  - If possible, avoid extreme temperatures by working at night.



## APPLICATION RANGE



Flexcrete Technologies Limited  
Tomlinson Road  
Leyland  
Lancashire  
PR25 2DY  
United Kingdom  
Tel: +44 (0) 845 260 7005  
Fax: +44 (0) 845 260 7006  
Email: [info@flexcrete.com](mailto:info@flexcrete.com)  
Web: [www.flexcrete.com](http://www.flexcrete.com)

