

MONORUB



USES

Fine grade polymer modified mortar for filling blow holes to produce a smooth cosmetic colour matched finish.

COLOUR

Grey and White.

THICKNESS

0mm up to a maximum of 2mm.

TECHNIQUES

Bag rub, trowel or float.

PREPARATION



1. Remove all loose material, dust, surface laitance, mould release agent and any other form of contamination.
2. Fill larger surface cavities and honeycombing with **MONORUB** mixed to a stiffer consistency.
3. Thoroughly soak the substrate with clean water until fully saturated. Remove excess water.
4. No primer required except when treating highly porous concrete.

MIXING



2 mins

1. Pour the required amount of clean water indicated in the table below into mixing vessel and add a bag of powder. Always add powder to water.
2. Part units can be mixed using the volume mix ratios given in the table below.
3. 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.
4. Use without delay.

	Water Addition per 25kg Powder		Volume Mix Ratio Powder : Water
	Range (litres) (depending on desired consistency)	Typical (litres)	
Grey	2.9 - 3.3	3.125	5 : 1
White	5.75 - 6.25	6.0	3 : 1

APPLICATION



1. **Large Surface defects and voids:**
 - Apply **MONORUB** mixed to a stiffer consistency by palette knife or steel float.
 - Remove excess material.
 - Remove any residue with a dry sponge.
 - Allow to harden (minimum 24 hours) before proceeding with the main application.
2. **Minor voids and blow holes:**
 - Apply by bag rubbing technique on small areas using a sponge or rag with a circular motion to completely fill all blow-holes and defects. On larger areas use a sponge or wooden float.
 - Remove excess material using a steel float once pores are filled.
 - Finish with a damp sponge or sponge float passing in the same direction to produce an even finish.

WORKING LIFE

Approx. 60 minutes at 20°C.

YIELD

Grey: 14 litres per 25kg pack at 3.125 litres water addition.

White: 15.9 litres per 25kg pack at 6.0 litres water addition.

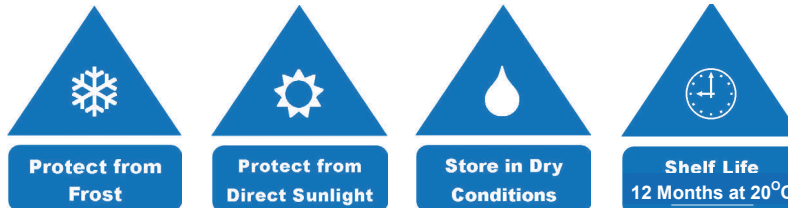
COVERAGE (Typical)

Thickness	Coverage per 25kg unit (m ²)	
	Grey	White
1 mm	14	15.9
2 mm	7	8.0

CLEANING

Clean tools with water immediately after use.

STORAGE AND SHELF LIFE



HEALTH AND SAFETY

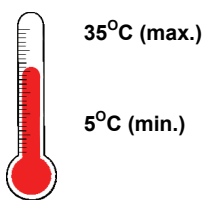
- R36/37/38: Irritating to eyes, respiratory system and skin.
- R41: Risk of serious damage to eyes.
- See Material Safety Data Sheet (MSDS) for full information.

PPE



TOP TIPS

1. Experiment with application techniques and blends of grey and white to provide a colour match before undertaking repairs.
2. Finish in the same direction to produce an even colour and texture.
3. Ensure all applicators use the same application techniques to avoid variation in final finish.
4. Apply from the top working down to avoid contaminating previously treated areas.
5. 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.
6. If mortar thickens, remix but **DO NOT ADD EXTRA WATER**.
7. Cold Weather Working (see separate Guide)
 - $\geq 3^{\circ}\text{C}$ on a rising thermometer.
 - $\geq 5^{\circ}\text{C}$ 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
Web: www.flexcrete.com

