
FLOWLOCK M R2 350

NON-STRUCTURAL CONCRETE REPAIR MORTAR

Flowlock M R2 350 is a epoxy resin cement compound for non-structural use, in both vertical and horizontal applications, particularly where thin layers (3 – 5 mm) are required. R2 rated (EN1504:3)

Ideal for applications where a smooth finish is required for aesthetic purposes.

USES

- Thin layer resurfacing and finishing of damaged concrete and renders
- Restoration and protection of concrete surfaces exposed to abrasion
- Protective layer for concrete against aggressive chemical environments
- Preparation of damp substrates prior to the application of epoxy or polyurethane coatings
- Restoration and levelling of deteriorated surfaces in concrete
- Protective layer over concrete and masonry against mechanical damage
- Thickness per layer: 3 – 5 mm

BENEFITS

- Very good adhesion to all cement-based substrates
- 1 – 2 hours cure time
- No bonding agent required
- Can be used on vertical surfaces
- Higher chemical resistance than most existing concrete substrates
- Odourless and solvent free
- Creates a water vapour barrier prior to application of epoxy or polyurethane coatings

COVERAGE

Estimated coverage: 1.95 kg/m² per mm thickness.

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FLOWLOCK
(division of Rooflock)

T: 0161 945 1440 **E:** info@flowlock.co.uk **W:** www.flowlock.co.uk
A: Catford Road, Roundthorn Industrial Estate, Manchester, M23 9LR

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TECHNICAL DATA

Characteristics of the product		
A:B:C component ratio (kg)	0.75:2.25:17	
Maximum size of aggregate (mm)	0.5	
Application and curing conditions		
Density of fresh mortar (g/cm ³)	1.95	
Density of cured mortar (g/cm ³)	1.85	
Minimum application temperature (°C)	> 8	
Open time at 20 °C (aprox. minutes)	30 - 40	
Setting time at 20 °C (hours)	4 - 6	
Curing time between layers at 20 °C (hours)	24	
Curing time for coating at 20 °C (hours)	24	
Full curing time at 20 °C (days)	7	
Characteristics for the cured product		
Mechanical strength (MPa)	Flexural	Compressive
- 7 days	4.5	22.5
- 28 days	8.5	30.5
Adhesion on concrete (MPa)	> 2.5	
Chemical resistance against sewage, salts, oils and greases.	Very good	
Consumption / Thickness		
Approx. consumption (kg/m ² ·mm)	1.95	
Maximum thickness per layer (mm)	5	

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