

## Premflow Reno Screed

### DESCRIPTION

PM Advance 5 is a factory batched floor screed that has been designed to allow the release of trapped water in the matrix of the screed to maximise the hydration of the cement thereby giving faster drying times, increased strength and lower porosity.

PM Advance 5 has been developed to allow the drying times of cement based screeds to be reduced to 5mm per day as opposed to our conventional screeds having a drying time of 1mm per day.

PM Advance 5 has been developed to compete against the leading specification driven fast drying, high strength screeds.

### BENEFITS

- Fast installation – Marshalls Premflow can be installed at up to 200m<sup>2</sup> per hour.
- Improved pumping characteristics.
- Can be walked on in 24-48 hours.
- Can be loaded after 7 days.
- No reinforcement required.
- Ideal for use with under floor heating.
- Can be force dried as early as 7 days after application.
- Dries at a rate of 1mm per day up to a screed depth of 40mm in good drying conditions.
- Easily achieves SR2 finish as described in BS8204.
- Protein free - cannot harbour harmful bacteria.
- Non-combustible (tested to BS476 Part 4).
- Minimal Thermal expansion (0.012mm/mK).
- Excellent thermal conductivity.
- Environmentally friendly.
- Large areas can be installed before joints are required, please consider construction joints.
- All Marshalls Premflow is wet batched through forced action pan mixers to ensure a smooth uniform product.

### CURING

- It is highly recommended the building is weather tight before Premflow is installed
- Protect the screed from premature drying due to wind, strong sunshine and enforced drying conditions
- After 48 hours good natural ventilation will greatly assist with drying
- With Premflow Thermio, the underfloor heating can be commissioned after 7 days, this assists with the drying process

### PRODUCT RANGE

- Marshall Premflow Gyvlon Eco, the versatile screed for domestic and light commercial use, thickness from min 35mm domestic to 40mm light commercial (please discuss your requirements with our technical experts).
- Premflow LS where a superior finish is required.
- Premflow Gyvlon Thermio, the ideal screed for use with underfloor heating.
- Premflow Gyvlon XTR where a stronger screed is required, (please consider using a high grade KPA insulation in these conditions).
- Premflow Gyvlon Excelio, a thin bonded screed from 12mm offering huge cost saving over thin bagged screeds.
- Premflow Gyvlon Soundbar, for use in timber frame construction with the Soundbar acoustic board.
- Premflow Gyvlon Sky for high rise situations.
- Premflow Reno for thin renovation projects.

### TECHNICAL CHARACTERISTICS

Mechanical Strength	C25-F4 (BS EN 13813) For Premflow Eco
Dry Density	2000 kgs/m <sup>3</sup> (+/- 200)
Design Thickness	Minimum unbonded 30mm
Design Thickness	Minimum 35mm (domestic) 40mm commercial-floating
Substrate Type	Suitable for most substrates
Substrate Regularity	Typically SR2 (BS EN 8204-7)
Surface Finish	Low laitance option available (Premflow LS)
Surface Finish	May require sanding as part of floor finish preparation
Reinforcement	None required
Working Time	180-220 minutes from batching to placement
Flow	240mm-260mm (placement)
Joints	1000m <sup>2</sup> (area layout to be considered)