

## Premflow Excelio Screed

### DESCRIPTION

Free flowing pump applied thin section floor screed.

Marshall's Premflow Excelio screed is a factory produced flowing Anhydrite based floor screed.

Premflow Excelio is an ultra-thin sub base leveller that can be installed fully bonded from 12mm. Premflow Excelio with its carefully selected admixtures provides a screed that can be installed from 12-30mm, and eliminates the need for expensive bagged alternatives.

Marshall's Premflow screeds are manufactured to the BS EN 13813 requirements, under the ISO 9001 Quality Scheme, and regularly tested to the latest British and European Standards.

### BENEFITS

- Fast installation – Marshall's Premflow can be installed at up to 200m<sup>2</sup> per hour
- Premflow Excelio can per m<sup>3</sup> at 12mm cover 83m<sup>2</sup>
- Suitable for foot traffic 24-48 hours after placing
- High strength, Standard Premflow C25/F4, Excelio version typically C35/F7
- Marshall's Premflow requires no manual compaction or reinforcement
- Premflow is less prone to shrinkage than cement based screeds, and requires fewer construction joints
- The Premflow binder is 98% recycled, and is ergonomically friendly (no cement burns)
- Excellent surface finish, easily achieves SR1, and can receive floor coverings such as tiles, wood, carpet and vinyl
- Marshall's Premflow Excelio can be bonded or unbonded.
- Premflow is protein free and doesn't harbour bacteria
- Premflow Excelio dries at 1.5mm per day at thicknesses up to 30mm
- Large areas can be installed before joints are required, please consider construction joints
- All Marshall's Premflow is wet batched through forced action pan mixers to ensure a smooth uniform product

### BENEFITS

- 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

### 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

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### TECHNICAL CHARACTERISTICS

<b>Mechanical Strength</b>	C35/F7 (BS EN 13813) For Premflow Excelio
<b>Dry Density</b>	2000 kgs/m <sup>3</sup> (+/- 200)
<b>Design Thickness</b>	Minimum fully bonded 12mm
<b>Design Thickness</b>	Minimum unbonded 20mm
<b>Substrate Type</b>	Suitable for most substrates
<b>Substrate Regularity</b>	Typically SR1 (BS EN 8204-7)
<b>Surface Finish</b>	Low laitance finish as standard
<b>Surface Finish</b>	May require sanding as part of floor finish preparation
<b>Reinforcement</b>	None required
<b>Working Time</b>	180-220 minutes from batching to placement
<b>Flow</b>	270mm-290mm (placement)
<b>Joints</b>	1000m <sup>2</sup> (area layout to be considered)