

RAPID SET 30

FLOOR LEVELLING COMPOUND



TRADE QUALITY YOU CAN TRUST

SETCRETE™ RAPID SET 30 FLOOR LEVELLING COMPOUND

A rapid setting, rapid drying floor levelling compound for use in light to heavy duty internal areas prior to the installation of new floorcoverings. The product is low odour and complies with GEV-EMICODE® EC1^{PLUS} – very low emission standard.



- APPLICATION THICKNESS FROM 2–10MM
- FOOT TRAFFIC FROM 30 MINUTES
- RAPID SETTING - BOND FLOORCOVERINGS FROM 2 HOURS
- ADVANCED TECHNOLOGY
- EXCELLENT SELF-LEVELLING PROPERTIES



SETCRETE™ RAPID SET 30 utilises the latest advances in cement technology to achieve a walk-on time of as little as 30 minutes and its rapid drying formula means that new floorcoverings can be installed from just 2 hours. As it is a water mix, it also offers the advantages of being economical and latex free.

SETCRETE™ RAPID SET 30 is suitable for use over a wide range of absorbent subfloor types, including sand/cement screed and concrete. It is also suitable for use over non-absorbent subfloors, such as ceramics, granolithic, terrazzo, epoxy and polyurethane resins and quarry tiles - providing they are sound, well adhered and suitably prepared.

As a guide for the use of products from the SETCRETE™ range, see the Selector Chart overleaf.

Standards

The product complies to the standard EN 13813:2002, and refers to the minimal flexural and compressive strengths to which it has been tested.

The product complies with the standards set by GEV EMICODE® EC1^{PLUS} – very low emission.

Technical Information

EN 13813 Class Designation	CT-C25-F7
Working Time @ 20°C	10-15 minutes
Walk on hard time @ 20°C	from 30 minutes
Ready to receive floorcoverings (temperature dependent)	from 2 hours
Compressive Strength N/mm ² (EN13892-2)	1 Day >10.0 7 Days >20.0 28 Days >25.0
Flexural Strength N/mm ² (EN13892-2)	1 Day >2.0 7 Days >5.0 28 Days >8.0
Application thickness	2–10 mm

Coverage

Approximate coverage rates for a 16kg unit as follows:

THICKNESS	COVERAGE
2mm	5.40m ²
5mm	2.15m ²
10mm	1.05m ²

Note: Figures will vary according to the condition of the subfloor.

Packaging

16kg lined paper sacks.



Preparation

Floor surfaces must be suitably prepared: sound, dry – less than 75% Relative Humidity and free from contaminants that may prevent adhesion. Concrete and sand/cement screeds must be fully cured and any laitance or surface treatments must be removed. The temperature of the floor must be maintained above 5°C throughout the application and drying of the levelling compound. Underfloor heating must be switched off for at least 48 hours before, during and after application. Subfloors must incorporate an effective damp proof membrane and conform to the requirements of relevant BS standards for flooring installation.

Priming

Floors should be primed to ensure good adhesion between the levelling compound and the substrate, providing a higher quality finish. Priming also helps to prevent pinholing and rapid drying of the levelling compound. Primers must be allowed to dry completely before applying the levelling compound. Care should be taken not to contaminate the primed subfloor.

Absorbent surfaces

Prime with SETCRETE™ ACRYLIC PRIMER, diluted with 4 part water to prevent rapid drying of the levelling compound.

Non-absorbent surfaces

Prime with undiluted SETCRETE™ ACRYLIC PRIMER to promote adhesion.

Mixing

Gradually add 1 bag of SETCRETE™ RAPID SET 30 Floor Levelling Compound to 4 litres of clean water in a clean mixing bucket. Mix with a power whisk fitted to an electric drill until a smooth creamy lump free consistency is achieved. The material should be mixed for a minimum of 2 minutes. Do not add further water. Do not mix more material than can be applied in 15 minutes.

Application

Pour the mixed material onto the prepared subfloor and allow to flow and attain a smooth finish. Minimal work with a smoothing trowel is required. The mixed material should be applied at a thickness between 2–10mm in one application.

Working Time

Approximately 10-15 minutes at 20°C depending on subfloor absorbency, ambient temperature and humidity.

Setting Time

Walk on time is typically 30 minutes.

Drying Time

Drying is dependent upon the absorbency of the subfloor, ambient temperature and humidity. The floor levelling compound must be left uncovered for a minimum of 2 hours before installing a floorcovering, when applied at 2-10mm.

Tools

Suitable smoothing trowel, clean mixing bucket, measuring bucket, power whisk, electric drill. Clean tools in water immediately after use.

Storage

Store in unopened bags, clear of the ground in cool, dry conditions. Protect from frost and excessive draught and use within 6 months of the date stamped on the bag.

Health and Safety Advice

This product is not classified. Obtain the relevant Safety Data Sheet and follow the advice given.

These can be found at www.setcrete.co.uk alternatively they can be obtained from the point of purchase or from F. Ball and Co. Ltd. at the address below.

SETCRETE™ Range Selector Chart

	UNIVERSAL	LATEX	DEEP BASE	HIGH PERFORMANCE	RAPID SET 30	2K PRO	LEVEL-SMART	EXTERIOR
General/Light-Duty Areas	✓	✓	✓	✓	✓	✓	✓	✓
Medium-Duty Areas		✓	✓	✓	✓	✓	✓	✓
Conservatories/Heavy-Duty Areas			✓	✓	✓	✓	✓	✓
Over Plywood				✓				
Over Adhesive Residues						✓	✓	
+ Over Underfloor Heating		✓	✓	✓	✓	✓	✓	
Exterior Use								✓
Application Thickness (mm)	3-6	2-10	5-50	2-15*	2-10	2-30**	2-30**	5-50**
Moisture Tolerant/Use Beneath DPM						✓	✓	✓
Prime with SETCRETE™ Acrylic Primer	✓	✓	✓	✓	✓			✓

*Minimum 5mm when used as a wearing surface/Maximum 10mm when used on plywood. **See datasheet for filled mix information.
+ SETCRETE™ RAPID SET 30 is suitable over electric UFH systems and heated screeds. It is not suitable for encapsulating water-fed UFH systems.

For further information or technical assistance about SETCRETE™ products and to confirm this data sheet is current, please contact Technical Service Department.

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