RAPID·SET 30
FLOOR LEVELLING COMPOUND

SETCRETE™
PROFESSIONAL FLOORING PRODUCTS
FOR THE MASTER TRADESMAN

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 45 MINUTES
- 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 45 minutes. 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 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.

Coverage
Approximate coverage rates for a 16kg unit as follows:

THICKNESS	COVERAGE
2mm	5.60m²
5mm	2.20m²
10mm	1.10m²

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

Packaging
16kg lined paper sacks.

Technical Information

EN 13813 Class Designation		CT-C35-F10
Working Time @ 20°C		10-15 minutes
Walk on hard time @ 20°C		from 30 minutes
Ready to receive floorcoverings (temperature dependent)		from 45 minutes
Compressive Strength N/mm² (EN13892-2)	1 Day 7 Days 28 Days	>20.0 >30.0 >35.0
Flexural Strength N/mm² (EN13892-2)	1 Day 7 Days 28 Days	>5.0 >8.0 >10.0
Application thickness		2–10 mm

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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 unit 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 45 minutes 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	FLEXIBLE	RAPID SET
General/ Light-Duty Areas	✓	✓	✓	✓	✓
Medium-Duty Areas		✓	✓	✓	✓
Conservatories/ Heavy-Duty Areas			✓	✓	✓
Over Plywood				✓	
Application Thickness (mm)	3-6	2-10	5-50	2-15*	2-10

*Maximum 10mm on Plywood

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

www.setcrete.co.uk

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