

LATEX

FLOOR LEVELLING COMPOUND



TRADE QUALITY YOU CAN TRUST

SETCRETE™ LATEX FLOOR LEVELLING COMPOUND

a floor levelling compound for use in light to medium traffic internal areas prior to the installation of new floorcoverings. The product is low odour and complies with GEV-EMICODE® ECI^{PLUS} – very low emission standard.



- APPLICATION THICKNESS FROM 2–10MM
- SELF-SMOOTHING PROPERTIES
- LOW ODOUR

SETCRETE™ LATEX 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 minimum flexural and compressive strengths to which it has been tested.

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

Coverage

Approximate coverage rates for a 20kg unit are as follows:

THICKNESS	COVERAGE
2mm	5.75m ²
5mm	2.30m ²
10mm	1.15m ²

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

Packaging

20kg lined paper sacks

Technical Information

EN 13813 Class Designation		CT-C16-F4
Working Time @ 20°C		15–20 minutes
Walk on hardness time @ 20°C		2 hours
Ready to receive floorcoverings (temperature dependent)		from 24 hours
Compressive Strength N/mm ² (EN 13892-2)	1 Day	>5.0
	7 Days	>10.0
	28 Days	>16.0
Flexural Strength N/mm ² (EN 13892-2)	1 Day	>1.5
	7 Days	>3.0
	28 Days	>4.0
Application thickness		2–10mm



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 levelling compound and substrate and to give a higher quality finish, preventing pinholing and rapid drying of the levelling compound. Primers must be allowed to dry 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 parts 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™ LATEX 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 of 2–10mm in one application.

Working Time

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

Drying Time

Walk on time is typically 2 hours. 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 24 hours before applying a floorcovering when applied at 2–5mm. Above this thickness, leave for 48 hours before covering.

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 from the date of manufacture.

Health and Safety Advice

This product is classified. Obtain the relevant Safety Data Sheet and follow the advice given.

These can be found at www.setcrete.co.uk alternatively these 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	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**	5-50**

*Minimum 5mm when used as a wearing surface/Maximum 10mm when used on plywood.

**See datasheet for filled mix information.

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