

UNIVERSAL

FLOOR LEVELLING COMPOUND



TRADE QUALITY YOU CAN TRUST

SETCRETE™ UNIVERSAL FLOOR LEVELLING COMPOUND

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



- APPLICATION THICKNESS FROM 3-6MM
- SELF SMOOTHING PROPERTIES
- WALK ON HARD FROM 3 HOURS
- LOW ODOUR



SETCRETE™ UNIVERSAL 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 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.

Technical Information

EN 13813 Class Designation	CT-C12-F3
Working Time @ 20°C	15–20 minutes
Walk on hard time @ 20°C	3 hours
Ready for floorcoverings (temperature dependent)	from 24 hours
Application thickness	3–6 mm

Coverage

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

THICKNESS	COVERAGE
3mm	3.75m ²
6mm	1.85m ²

Note: These figures will vary according to the condition of the subfloor.

Packaging

20kg lined paper sacks.



Preparation

Floor surfaces must be suitably prepared: sound, dry (less than 75% Relative Humidity), free of excess construction moisture and rising damp 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. 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.

Mixing

Gradually add 1 bag of SETCRETE™ UNIVERSAL 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 levelling trowel is required. The mixed material should be applied at a thickness of 3–6mm in one application.

Working Time

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

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 24 hours before applying a floorcovering.

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 9 months from the date of manufacture stamped on the bag.

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**
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.

Note: Setcrete Universal is not suitable for use when bonding solid wood flooring. All other SETCRETE™ Floor Levelling Compounds are suitable for this type of installation.

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