

J-SYSTEM 33

Low Slump Levelling Compound

Data Sheet



Main Application Field

- Patching, repair and filling of holes for most substrates in need for all renovation prior to levelling and installation works.
- Creating absorbent substrates with high strength that are quickly ready for covering.
- Forming falls and coves etc. (A suitable covering/coating is required if used as a wearing surface)
- For thicknesses 1-80 mm

Product Features & Benefits

- Rapid setting and drying to give exceptional strength and hardness
- Slump free
- Is re-stirrable during the working time so the application time can be extended
- For thicknesses from 1-80mm

Technical Data

Shelf life	Minimum 12 months
Water quantity	4.6-5.4 litres per 20kg bag
Small quantity dosage	1kg powder to 230 - 270ml water
Colour	Grey
Consumption	Approx. 1.5kg/m ² /mm thickness
Ideal application temperature	15 - 25°C
Working time	15 - 20 minutes*
Ready for foot traffic	After approximately 25 minutes*
Ready for covering	After approximately 90 minutes*
Minimum application temperature	10°C at ground level

*At 20 °C and 65% relative humidity

Substrate Preparation

J-System 33 Low Slump Levelling Compound can be applied to dry or moist screeds providing they are set and hardened and the surface is sound and free of dust, grease, oil and other surface contamination. Worn or trafficked surfaces should be abraded (diamond grinder or scarified) to remove contamination and roughen concrete to expose a clean porous surface to ensure good adhesion. Very dense, smooth impervious surfaces should be primed with **J-System 21 Primer**. Priming is not usually necessary on porous surfaces such as concrete, cement/sand, brickwork etc., unless the surface is extremely porous. 'On Grade' sub-floors must have an effective damp-proof membrane.

Application

1. Mix **J-System 33 Low Slump Levelling Compound** with water to the desired consistency. The correct water quantity for 20kg is 5 - 5.75 litres. However, as partial quantities are usually mixed, 250 - 300ml of water have to be used for 1kg powder. Put cold, clear water into a clean container. Sprinkle in the powder while mixing vigorously until a smooth and lump-free compound is obtained. Mix only as much mortar as can be applied within the working time of approximately 10 - 15 minutes*.
2. Pour the compound onto the substrate and spread evenly with a smoothing trowel to the desired thickness. Leave the compound for approximately 25 minutes* and then rework or smooth. Apply to the desired thickness in one coat.

NB: **J-System 33 Low Slump Levelling Compound** can be extended with silica sand/aggregates (2 parts powder/1 part silica sand/aggregate).

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Consumption Information

Thickness	Consumption (approx)	Size/Coverage
1mm	1.5 kg/m ²	20 kg / 13.3m ²
3mm	4.5 kg/m ²	20 kg / 4.4m ²
10mm	15.0 kg/m ²	20 kg / 1.3m ²

Ready for Covering

Thickness ready for covering	
1mm - 30mm	90 minutes*
1mm - 30mm	2 hours**

*At 20 °C and 65% relative humidity

**At 10 °C and 80% relative humidity

DISCLAIMER: The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Standards, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development programme. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may affect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

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