

J-SYSTEM 21

Concrete Primer

Data Sheet



Main Application Field

- Wide application range including primer, bonding agent and water-inhibiting pore closer
- Suitable for priming concrete and wooden substrates to take finishing, repairing and levelling compounds.

Product Features & Benefits

- Suitable as a pore closer on concrete, chipboards, and plywood
- Prevents air bubbles rising from the substrate in subsequent finishing layers
- Prevents any mixing water being drawn from subsequent finishing layers
- Suitable on gypsum type wall linings
- Provides protective coat against dust formation on finishing and repairing compounds, which are to serve as wearing surfaces for a short time
- For interior applications only

Technical Data

Shelf Life	12months (min)
Dry Colour	Transparent
Wet Colour	Milky Blue
Consumption	40-150 g/m ²
Drying Time	1 hour*
Minimum application temperature	10°C at ground level

* at 20° and 65% relative humidity

Substrate Preparation:

The substrate must be sound, load-bearing, dry and free from cracks and materials that would impair adhesion. Cement and calcium sulphate screeds must be abraded and vacuumed. Test the substrate in accordance with applicable standards and report any deficiencies. Any adhesion reducing or unstable layers must be removed. Used, smooth and non-absorbent substrates have to be cleaned intensively and once dry must have a matt finish. Thoroughly vacuum loose material and dust. Allow the primer to dry completely.

Directions for use:

This product is used diluted with water up to 1:3 on concrete and neat on wooden substrates to receive cement-based compounds, adhesives, screeds as well as plaster-based materials, improving adhesion and inhibiting penetration of water.

It is used as a pore sealer on floor surfaces to prevent air bubbles rising through subsequently applied subfloor smoothing and levelling compounds.

It is used neat on dense concrete substrates.

Application

1. Before use, allow containers to come to room temperature and shake well.
2. Apply diluted **J-System 21 Primer** evenly with a nylon roller without pooling.
3. Do not leave any bare spots.
4. Allow to dry to a clear, thin film.

Do not install **J-System Levelling Compounds** before the primer has dried thoroughly. The primer can be applied the day before but must be protected from any surface contamination. Always use a clean container.

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Material Requirement

1.0 litre of **J-System 21 Primer** in concentrated form at 1:3 mixing ratio with water creates 4.0 litres of diluted **J-System 21 Primer**.

Apply mixed **J-System 21 Primer** at a spread rate of 10 sqm per litre as a pore closer on porous concrete and cement screed flooring.

For substrate pre-treatment for subsequent finishing, repair and levelling work with products from the **J-System Levelling Compound** range. Please refer to the table below.

Packaging

10kg plastic container with 10 litres.

Application Chart

Substrate	Dilution	Drying Time*
	J-System 21 Primer mixed with water	
Dense substrates	Neat	1 hour
Chipboard, wooden substrates	Neat	1 hour
Dusty or rough surfaces	1:1	1 hour
Absorbent substrates, concrete cement screeds	1:3	30 minutes

*At 20 °C and 65 % relative humidity.

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