

## Technical data sheet Lecol Z-670

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## Fibre-reinforced levelling compound

### Product Description:

#### **General**

Lecol Z 670 levelling compound is a cement / Quartz mixture with the synthetic resins and fibres.

#### Application

Fibre-reinforced cement levelling product which can be used to level wooden subfloors in layers of 3-15 mm. for internal use only.

Suitable for chair castors and underfloor heating systems.

### Technical Data:

Mixing:	6 ltrs water to 25 kg powder.
Amount to produce:	Minimum 3 – 15 mm at a time.
Pot life:	Approx. 30 minutes at 18-20 °C.
Setting time:	Suitable to walk on or apply second layer after 90 mins at 18-20 °C. ready for laying generally after 24hrs
Consumption:	Approx. 1.6 kg/m <sup>2</sup> at a layer thickness of 1 mm.
Application temp:	The temperature of the floor and room may not be lower than 15°C.
Storage:	6 months if stored in a cool dry place. Keep opened bags sealed well and use as soon as possible.
Packing:	25 kg bags.

### Sub floor:

The subfloor and the room climate conditions must satisfy the requirements of DIN18365. The subfloor must be absorbent permanently dry, firm and free of cracks, contamination and substances which will affect adhesion. Old wooden floors needed to be screwed down or nailed. Floor boards must be level and where necessary sanded. Rotten floor boards must be replaced.

Floor boards and other wooden subfloors must be primed with Lecol D3074. once dry any joints or openings must be filled with a thicker Lecol Z670.

### Instructions for use:

In a clean container mix 5 - 6 litres clean water and 25 kg's (1 bag) Lecol Z615 levelling compound. Avoid lumps. The maximum speed of the mixing machine should be 600 rpm.

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Apply the mixture with an appropriate trowel to the desired layer thickness, 3-15mm evenly to the subfloor. If a second layer is necessary, it must be applied "wet on wet" or as soon as the first layer is ready to walk on. Dry layers must be primed Lecol D3074 (1:2 dilution with water) Once the primer is cured the second layer can be applied. The drying product must be protected from immediate sunlight and draughts.

Installing on a floor treated with Lecol Z670 levelling compound is possible after 24 hours with a layer thickness of 3 – 10 mm. thicker layers need to dry for 2 – 3 days

### Remarks:

The quoted application and drying times correspond to a temperature of 20 °C and a humidity of 65 %. Other climate conditions alter these times. Wooden floors which are restricted in their diffusion capacity by a levelling compound or other finish must have a cellar beneath with ventilation openings.

Lecol Z 670 is for use solely with water. No other components may be added.

This technical datasheet is for guidance only and may contain information not relevant to certain applications. All recommendations and suggestions are therefore made without obligation. We ensure consistent quality for our products.

### Special Remarks:

This technical datasheet supersedes all previous datasheets for this product.

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