

KÖSTER LEVEL G

Tech. Leaflet /Product Code
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Self-levelling, highly loadable, mineral floor coating for internal and external surfaces

DESCRIPTION

One-component, self-levelling, highly loadable levelling composition, cement-based and with excellent bonding on mineral internal and external surfaces. KÖSTER Level G has quick bonding properties and will be ready to receive foot traffic after appr. 3 hours cure.

TECHNICAL DATA

Min. thickness:	5 mm
Max. thickness:	15 mm
Compressive strength (24 hours):	>30 N/mm ²
Compressive strength (7 days):	>50 N/mm ²
Compressive strength (28 days):	>70 N/mm ²
Flexural tensile strength (24 hours):	4 N/mm ²
Flexural tensile strength (7 days):	7 N/mm ²
Flexural tensile strength (28 days):	8 N/mm ²
application temperature	5°C – 30°C
Application time (20°C)	appr. 15 min.

FIELD OF APPLICATION

For coating and levelling of internal and external floor surfaces. Suitable as industrial floor coating in new buildings and for repair of floor surfaces. Also suitable for water- resp. frost/de-icing salt stressed areas.

SUBSTRATE PREPARATION

The concrete needs a min. cohesive tensile strength of 1.5 N/mm² and must be clean, free of dust, oil, grease and other contaminants that might affect the bonding characteristics. Furthermore the concrete has to be sound and free of cracks and voids. Dampen the surface 1 hour prior to application of the mortar avoiding appearance of puddles. During coating the surface must still be damp, prepared bonding bridges are not necessary prior to application of KÖSTER Level G.

APPLICATION

Mix 25 kg KÖSTER Level G with 4 litres of clean potable water to a lump-free and self-levelling mortar. Start with 3.5 litres of the mixing-water and add the required quantity of the powder bit by bit while mixing the water thoroughly using a mortar mixer which should have a max. of 400 RPM (revolutions per minute). Finally use the rest of the water (0.5 litres) to achieve the necessary consistency for application. The said 4 litres of water per 25 kg bag must not be exceeded. Mix at least 3 minutes using a high shear mixer or double shaft mixer. Pour mixed KÖSTER Level G onto damp surface and move material to preset height with a gauge rake or a smoother. Pull and smooth material out to required thickness as per coverage chart. Allow to cure for a minimum of 3 hours, then the coating will be ready to receive foot traffic.

CONSUMPTION

appr. 2.0 kg / m² per mm layer thickness

PACKAGE

25 kg PE-Lined bags

STORAGE

Dry, in originally sealed containers

SHELF LIFE

6 months in unopened bags

SAFETY PRECAUTIONS

Wear protective gloves and goggles.

The above mentioned information and instructions are given to the best of our knowledge and belief based on tests and our long experience in this field. A correct and successful application is not subject to our control. Therefore, a guaranty can only be given for the quality of our products within our normal business terms but not for a successful application. With this technical leaflet previous ones are no longer valid.