

CEMRENOVATION 130 130

Self Levelling Renovation Screed

Description

CEMRENOVATION 130 is a pumpable floor screed formulated from special cements, aggregates, supplementary binders and chemical admixtures. It is fibre reinforced and designed specifically for the renovation of existing floors and for the floating floor constructions. It is supplied as a pre-blended dry powder designed for application at thicknesses between 2 and 30 mm if hand applied or between 4 and 30 mm if pumped. For floating constructions the minimum thickness is 20 mm.

Application

CEMRENOVATION 130 self levelling renovation floor screed is designed for the refurbishment of existing floors including domestic and commercial applications such as offices, public buildings, schools etc. CEMRENOVATION 130 is casein and protein free and resistant to alkaline moisture.

Substrate

CEMRENOVATION 130 is designed for the renovation of existing floors including timber, vinyl, quarry and ceramic tiles, and terrazzo. A special glass fibre mesh is to be used to reinforce the floor construction on weak substrates and when there is a risk of insufficient bond. When CEMART special glass fibre mesh is used, the minimum layer thickness is 10 mm. For floating construction, for instance on insulation, glass fibre mesh must always be used and the layer thickness must be at least 20 mm.

Finish

CEMRENOVATION 130 must be covered with a floor finish such as ceramic tiles, carpet, vinyl sheet and tiles, linoleum, wood blocks and cork. The underlayment must not be painted or used without a floor finish.

Technical Data

Adhesion to surface	3.0 N/mm ²
Compressive strength	>20N/mm ²
Foot traffic	2 - 4 hours
Flexural strength	6 N/mm ²
Flow Rate	140 mm

Substrate Preparation

The surface to be treated must be hard, sound and free from surface contamination, all dust and debris should be vacuumed from the surface.

Installation

Light ventilation in the work area is necessary but windows and openings must be closed sufficiently to avoid draughts during and after application. Indoor and floor temperature must always exceed +10°C during the application and one week after that. Dehumidifiers must not be used for the first two days after application.

Priming

CEMPRIME shall be applied to the prepared surface using a soft brush or a primer pump, avoid ponding, and allow to become touch dry (3 - 4 hours under normal conditions). During application, before drying, the primer shall be brushed into the surface to ensure that a continuous film is formed. The function of the primer is to improve adhesion to the sub-floor and to prevent de-watering of the floor compound before hardening.

Mixing

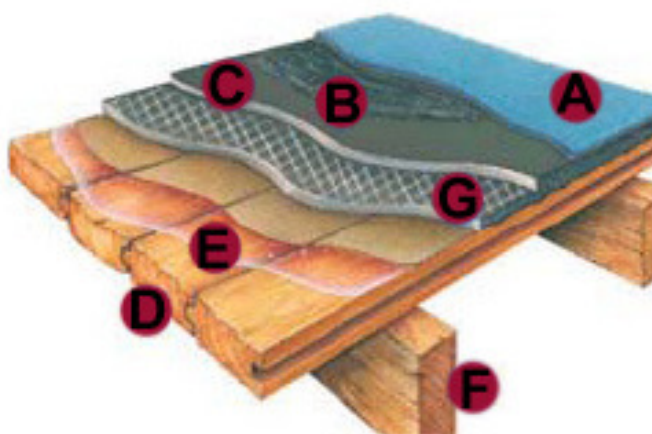
CEMRENOVATION 130 must be applied using a mixer pump approved by Cemart. The material is mixed with 18 % water, which corresponds to approx. 4.5 litres per 25 kg bag. While mixing, the water should be checked continuously by the flow ring test (see Flow Rate). When performing the flow ring test also ensure that the material is correctly mixed and free from separation. It is important to add the stipulated amount of water as excess water reduces strength, increases shrink-age and segregation and reduced water increases viscosity. Ensure that the temperature of the mix is between +15°C and +20°C. When the screed is pumped, the coverage area should not be wider than 6 - 8 metres. If the total area is wider, stop-ends must be used. The freshly applied material may be lightly trowelled to achieve a smooth subfloor. For hand application, mix the material thoroughly for 1 - 2 minutes using a powerful mixer tool.

Packaging

CEMRENOVATION 130 is supplied in 25 kg bags

Pot Life

Maximum 15 minutes depending on temperature.



KEY

- A Carpet or Vinyl floor covering
- B Vinyl Adhesive
- C CEMRENOVATION 130
- D Uneven floor boards
- E CEMPRIME
- F Joists
- G CEMART special glass fibre mesh

Health and Safety

Avoid contact of the material with skin and eyes.
Wear appropriate gloves, overalls and eye protection during use. Please refer to material Safety Data Sheet for additional information. For specific advice regarding any aspect of this product, please consult our Technical Section.

Storage, Mixing & Application

The storage, mixing and application conditions can affect the quality of the finish produced.

General Guidance

This Data Sheet is for general guidance purposes only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee. Further information is available from our Technical Department. Please consult our Sales Department to confirm that this Data Sheet is the current issue.