



6990 betodeck



Cement based, low alkaline levelling compound containing washed silica sand. No risk of sedimentation after alkaline silica reaction

- Recommended for repairing and levelling of swimming pools, outdoor terraces and balconies
- For industrial environments
- Low Dust

Low alkaline, cement based, polymer strengthened levelling/repairing mortar for use in heavy load areas e.g. terraces, balconies, swimming pools, and outdoor stairs in places where alkaline silica reaction is seen with traditional products.

6990 is supplied in 20 kg bags.

Applications

- ✓ Floor
- ✓ Wall
- ✓ Wet room
- ✓ Swimming pool
- ✓ Indoors
- ✓ Outdoors

Substrate

- ✓ Concrete
- ✓ Lightweight concrete
- ✓ Screed
- Gypsum plaster/render
- Wooden boards
- Old tiles
- Stable substrate boards
- ✓ Elec. and waterbased floor heating

Thickness

- ✓ max. 40 mm

Product description

Low alkaline cement based, water resistant, frostproof levelling/repair mortar containing silica sand. Supplied as dry mortar in powder form.

Technical data

Product class according to EN1504-3:	R1 _≥ 10 MPa
Compression strength	30 MPa
Working time:	3 hours
Setting time at 18°C for light foot traffic/surface treatment:	6 hours
Lowest working temperature:	6°C
Recommended working temperature:	10-20°C
Consumption:	1.8 kg/m ² /mm thickness



Confer with Declaration of Performance - DoP

Application areas

For floor levelling, repairs and building of slopes in moisture-laden areas. Can be used without further surface treatment in trafficked areas with moderate wear.

Type of substrate

6990 betodeck can be used on all solid and cleaned surfaces of concrete, cement screed and similar.

Pre-treatment of substrate

Ensure substrate is sound, stable, coherent, cleaned for dust, grease and laitance. Any cement laitance film and loose parts of concrete must be removed. Loose dust is removed with a vacuum cleaner. Remove grease, oil etc. with 7110 base cleaner, high pressure flushing or other effective cleaning method.

Priming

Priming is not necessary on dense, solid and none absorbing boards. Prime porous parts with 4180 primer according to instructions on packaging.

Application

20 kg 6990 betodeck powder to be mixed with 2,7 – 3,1 l clean water for 2-3 minutes to a lump-free mortar and the mixture is ready to use. Use a slow mixing paddle or concrete mixer. Ensure that powder and water are within recommended working temperature.

The floor levelling compound can be applied in approx. 3 hours after mixing at room temperature 10-20°C.

Apply mixture immediately and work it thoroughly into substrate.

Newly cast concrete must be protected against drying out during hardening process.

Working environment

The product contains cement. Working environment rules for cement must be followed.

6990 betodeck floor levelling is based on white cement containing a natural low content of chrome (VI) therefore the limiting value of max. 2mg/kg is always kept. Reference to product safety data sheet

Packaging

20 kg plast strengthened paper bags.

Storage and transportation

Transport and store dry. The product keeps technical specification minimum 12 months after production date in unopened packaging. Can be used hereafter; technical properties may, however, change; e.g. setting time may be extended.

See www.mira.eu.com for information on mira levelling compounds, screeds, waterproofing, tile adhesives, tile fixing and grouting