

mira floor levelling

6950 express unirep

February 2022



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Cement based, polymer strengthened, rapid hardening mortar for repair works of floor and wall in wet and dry areas.

- Rapid hardening
- Suited for repair works and building up a fall
- Low dust

Cement based, waterproof, rapid hardening mortar for repair works and screed (not self levelling) for filling and levelling of floor, stairs, building up a fall etc. Can be applied on all types of substrate such as concrete, plaster, ceramic tiles etc. 6950 express unirep is supplied in 15 bag.

Application areas

- Floor
- Wall
- Wetroom
- Swimming pool
- Indoors
- Outdoors

Substrate

- Concrete
- Lightweight concrete
- Screed
- Gypsum plaster/screed
- Wooden boards
- Old tiles
- Stable Substrate
- Electric or water based underfloor heating

Thickness

- 0-30 mm
layer thickness >30 mm
see Application areas

Product description

Cement based, rapid hardening and waterproof mortar in powder form.

Technical data

Density:	1700 kg/m ³
Product class acc. to EN 13813: 2002: CT	C25F6
Application time:	15-20 min.
Setting time 18°C for light walking traffic/load:	45-60 min.
Maximum load:	7 days
Lowest working temperature:	minimum 6°C
Recommended working temperature:	10-20°C
Consumption:	1.7 kg/m ² /mm layer thickness
CE	See information on DoP

Application areas

For levelling of floors and building a fall in dry and wet areas. Also suited for filling holes in concrete, levelling of stairs etc. Can be used outdoors covered with water-repellent surface coating such as 4630 aqua-flex 2K or 4650 aqua stop flexibel.

Substrate

6950 express unirep can be applied on substrate of concrete, screed, lightweight concrete, stable mounted wooden or gypsum substrates.

Pre-treatment of substrate

The substrate must be firm, stable, consistent and free from dust, grease and laitance. Possible hardened laitance and weak parts of the concrete substrate shall be cut off or ground away. Loose dust to be removed with vacuum cleaner. Grease, oil etc. to be removed using 7110 base cleaner, high pressure water cleaning or other effective cleaning method.

Priming

Priming is normally not necessary but wooden and gypsum substrates should be primed with concentrated 4180 primer to avoid water absorption from mortar.

Application

15 kg 6950 express unirep powder to be mixed with 3.8 - 4.2 l clean water to a lump free mortar. Apply a glue mixer on drilling machine. Ensure that power and water are within the recommended working temperature.

Apply the mixture immediately after mixing and work it thoroughly into substrate, level and smooth in a continuous working operation. Further surface treatment/coating can usually be carried out after 1-3 hours. Residual moisture content of screed and substrate are essential as to when dense and moisture sensitive coating can be completed.

By layer thicknesses over 30 mm 6950 express unirep can be added up to 25% sand of grain size 0-4 mm. Max. layer thickness 50 mm.

Working environment

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

6950 express unirep is guaranteed chrome neutralized in minimum 12 months.

Reference to product safety data sheet.

Packaging

15 kg plast strengthened paper bags with handle.

Storage and transportation

Store and transport dry. The product keeps technical specification minimum 6 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