



# EP 2400 EG

electrically conducting self levelling floor

## Description and application

Qeshfloor EP 2400 EG is a 2-component, solvent-free, epoxy-based, ca. 1.5 mm thick floor finish with electrically conducting properties.

Suitable as a durable, seamless, coloured finish for cement-bonded and anhydrite-bonded sub-floors.

Qeshfloor EP 2400 EG electrically conducting self levelling floor is especially suitable as a finish for floors in:

- ▶ computer rooms
- ▶ technical rooms
- ▶ measuring rooms
- ▶ munitions depots
- ▶ gas and fuel depots
- ▶ etc.

## Important

- ▶ Application conditions:  
Minimum sub-floor temperature: 10°C and 3°C above the dew-point.  
Optimum application temperature: 20°C.  
Maximum atmospheric Relative Humidity (R.H.): 85%.
- ▶ Use neutral or slightly alkaline cleaning agents.
- ▶ Qeshfloor cleaning cloths\* from Unipro are particularly suitable for removing wet splashes.
- ▶ For further information consult the 'Guidelines for cleaning Qeshfloor self levelling floors'.
- ▶ It is possible to provide you with individual cleaning and maintenance advice.
- ▶ Store exclusively in the original packaging and store in a cool, dry, well-ventilated place

## Properties / product advantages

- ▶ Continuity ( $5 \times 10^4 \text{ W} < 1 \times 10^6 \text{ W}$ )
- ▶ Dust-free and easy to clean
- ▶ Resistant to impacts, shocks and wear
- ▶ Self-levelling
- ▶ Impermeable to liquids
- ▶ Seamless

## Technical information

DUST-DRY	after ca. 6 hours**
FOOT TRAFFIC	after ca. 16 hours**
DENSITY	mixed product: ca. 1.60 kg/dm <sup>3</sup>
STORAGE LIFE	under favourable storage conditions ca. 6 months
COLOUR	10 standard colours in accordance with the colour chart for Qeshfloor coatings and self levelling floors
APPEARANCE	gloss, mixed with fibers takes on a silky lustre with wear
LAYER THICKNESS	1.25 - 1.75 mm
MECHANICAL LOADS	after 3 x 24 hours**
CHEMICAL- AND WATER LOADS	after 7 x 24 hours**
MECHANICAL VALUES	bending tensile strength: 50 - 70 MPa (N/mm <sup>2</sup> )**** compressive strength: 80 - 90 MPa (N/mm <sup>2</sup> )****
CONTINUITY OF THE ELECTRICALLY CONDUCTING SYSTEM	50 kΩ - 1 MΩ; NEN 3140
MIXING PROPORTIONS	83.0 wt. % comp. A 17.0 wt.% comp. B
SOLIDS CONTENT	100%
COVERAGE	2.00 - 2.75 kg/m <sup>2</sup>
PACKAGING	set: A + B = 25 kg A: can B: can
APPLICATION TIME	ca. 20 minutes**
FLASH POINT	comp. A: > 55°C / comp. B: > 55°C
RESISTANCE TO FROST	yes*****

\* See relevant documentation

\*\* At 20°C and 65% atmospheric R.H.

\*\*\* Before use read the appropriate application guidelines

\*\*\*\* After 7 days hardening at 23 °C

\*\*\*\*\* Large temperature differences must be avoided because this can lead to temperature-shock and can adversely affect the final result

# EP 2400 EG

## Sub-floor

The sub-floor must be resistant to pressure and stress, permanently dry and clean. It must also be free of cracks and substances which could reduce the adhesion.

A cement-bonded or anhydrite-bonded sub-floor must have been laid at least 28 days prior.

Remove any cement-skin and concrete residues by grinding or sanding.

Smooth and dense sub-floors (e.g. concrete) should be roughened by blasting (dust-free). Roughen anhydrite self levelling floors by blasting and/or sanding (depending on the surface tensile strength).

Unclean surfaces should be treated with a flame-gun and thereafter sanded. Always vacuum the floor to remove dust using an industrial vacuum cleaner.

Repair holes and cracks with either Qeshfloor EP 1500 repair mortar\*\* or UZIN-NC 182 fine levelling compound\*.

Consult our technical service for application on other types of sub-floors. Prime cement-bonded and anhydrite-bonded sub-floors with Qeshfloor EP 6200 screed\* or Qeshfloor EP 6640 EG electrically conducting primer\*.

## Application of Qeshfloor EP 2400 EG\*\*\*

Mix the components thoroughly. Pour this mixture onto the pretreated sub-floor and distribute with a flat trowel to the desired layer thickness. Then roll the entire surface with a spiked roller. Clean equipment directly after use with UZIN VE 124 cleaner\*.

## Work safety

Component A. Irritant. Harmful for the environment.

Contains epoxy derivatives. Irritating for the eyes and skin. Can cause hypersensitivity if contacted with the skin. Toxic for aquatic organisms; can be harmful to the aquatic environment in the long term. Avoid contact with the skin. If contacted with the skin, wash immediately with a lot of water and soap. Wear suitable protective clothing and gloves and wear protection for the eyes / face. Prevent discharge to the environment. Request special instructions / a safety card. See instructions provided by the manufacturer. These are included on the safety sheet.

Hazard class of component A: 9.

Component B. Corrosive. Harmful for the environment.

Contains benzyl alcohol and isophorondiamine. Harmful if inhaled or swallowed. Causes burns. Can cause skin hypersensitivity. Toxic for organisms in the aquatic environment; can cause harmful effects to the aquatic environment in the long term. If contacted with the eyes, immediately flush the eyes with a lot of water and consult a doctor. Always wear suitable protective clothing and gloves and protection for the eyes/face. In the event of an accident or if one feels unwell, consult a doctor immediately and if possible show the doctor this sheet. Treat this material and the packaging as hazardous waste. Prevent discharge to the environment.

Request special instructions / a safety card.

Hazard class of component B: 8.

Regarding components A and B, see the safety sheet for Qeshfloor EP 2400 EG electrically conducting cast floor. This documentation conforms to the Dutch law of 29 April 1993 concerning the safety documentation sheets of environmentally dangerous substances (Veiligheidsinformatiebladenbesluit Wet Milieugevaarlijke stoffen).

### REVISIONNUMBER

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