



Isopowder® IP 1504 pu/ep

High-performance additive
for polyurethane and epoxy resin coatings

Properties

Isopowder® IP 1504 pu/ep is a high-performance additive for polyurethane and epoxy resin coatings (all installation thicknesses), which is sprinkled (abundantly) on the final pour (pigmented top layer). Isopowder® IP 1504 pu/ep changes the thermal properties (thermal values) of polyurethane and epoxy resin coatings through heat reflection. Therefore, the floor covering achieves thermal values within the range of linoleum flooring. Further advantages include the following:

- Reduced growth of micro-organisms due to a lower penetration depth of contamination particles and fluids.
- Higher wear and abrasion resistance of the flooring.
- Guaranteed slip resistance over a number of years, even under heavy use of the industrial coatings.
- Easier cleaning due to a lower surface roughness.
- Harmonisation of the polished appearance of polyurethane and epoxy resin floors with a mineral-like visual appearance.

Application / dosing

Isopowder® IP 1504 pu/ep is used for sprinkling on the final layer of polyurethane and epoxy resin coatings. Isopowder® IP 1504 pu/ep is sprinkled abundantly on the pigmented, freshly installed top layer. The application rate per m² of installation surface is approx. 2.0 to 2.5 kg of Isopowder® IP 1504 pu/ep.

Processing

The basic structure of the polyurethane and epoxy resin coatings does not change. The Isopowder® additives are sprinkled abundantly only onto the final top layer and any excess is removed on the following day. Depending on the application, leave this layer as it is, sealed or waterproofed.

Areas of application

- Polyurethane coatings
- Epoxy resin coatings

Technical data

Form	Powder
Appearance	Product-typical whitish / greyish
Drying loss, (%)	max. 8.0
Powder density, (kg/m³)	300 to 600
pH-value (20°C), 2% solution	6.0 to 9.0
Application rate for sprinkling on the top layer per square metre of installation surface (kg/m²)	1.50 – 2.50

Extended technical data

Packaging	20 Kg sacks
Storage	Store in a cool, dry place in the closed original container. Protect against high temperatures (store below 40°C). Do not stack pallets , so as to prevent clumping through pressure and shearing load
Shelf life	1 year
Transportation directive	No hazardous material as defined in the transportation directive.

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