

## POLFLOOR PU 5001

### Polyurethane Self Leveling Coating

#### GENERAL CHARACTERISTICS

POLFLOOR PU 5001 is a self-leveling, two component, semi-rigid, thick layer polyurethane coating. Cures by reaction (cross linking) of the two components.

Semi-Rigid

Abrasion Resistant

Provides strong resistance to chemicals

Provides high tensile and impact strength

Acid-Alkalis Resistant

Mechanical Resistance

Easy-to-clean surface

Resistant to water and frost

Resistant to bacteria and fungus

Stops the creation of dust

#### TECHNICAL DATA

Mixing Ratio (By weight)	: 4,4:1
Mixing Ratio (By volume)	: 3,5:1
Density (20°C) Mixture	: app. 1,60±0.1 gr/cm <sup>3</sup>
Pot-life (23°C)	: 30-40 min.
Hardness (Shore D)	: 55
Application temperature	: Min 5°C
Curing (20°C and %60 relative humidity)	: 6 hours

Color and odor

: Yellow, odorless

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## PREPARATION- APPLICATION

**POLFLOOR PU 5001** provides permanent adhesion to concrete, cementitious systems, timber, granolithic screeds, masonry paving, and mild steel.

The resin component should be thoroughly stirred to incorporate any slight separation, whilst continuing stirring the contents of the hardener container should be added. Continue stirring until a homogeneous mix is obtained. The mixed material must be used within 30-40 minutes of mixing at 20°C. **POLFLOOR PU 5001** can be applied by brush, roller, trowel, airless sprayer. Cellulosic thinner can thin **POLFLOOR PU 5001** in necessary circumstances.

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## CONSUMPTION

1,5 kg is used per m<sup>2</sup> for 1 mm. Thickness (depends on the surface absorbance)

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## PACKAGING

27 kg. Pail (A+B)

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## STORAGE

1 year under room conditions. Products should remain in their original, unopened containers, bearing the manufacturers name, product designation, and batch number and application precaution labels.

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## REMARKS

Substrate must be dry, clean, and free from dust, grease and oil. Application must be done between 5°C and 30 °C.

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## CAUTION

Avoid skin contact with the hardener. If swallowed, consult a doctor, doctor may decide to wash stomach. Safety glasses and gloves are recommended..

**For more information consult the material safety data sheet.**

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The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed. For additional information or questions, contact the technical department of KDF LTD.