



BESTCOAT PU

Four component polyurethane self-levelling Coating

PRODUCT DESCRIPTION:

Bestcoat PU is a four component, self-smooth coating of high-grade polyurethane resin. The product exhibits a very high level of resistance against a large number of acids, solvents and other chemicals as well as a high abrasion resistance combined with excellent hygienic properties.

AREA OF APPLICATION:

Bestcoat PU is used as a coloured mortar coating for industrial floors with high mechanical and hygienic demands. Bestcoat PU floors exhibit excellent properties, good wear resistance and an outstanding resistance to chemicals.

It is suitable for medium stress, such as commercial surfaces, slaughterhouses, dry processing areas of the food industry, food and beverage storage areas, tobacco processing plants, production plants for printed circuits, chemical production plants, pharmaceutical production plants and others.

BESTCOAT PU SYSTEMS

Bestcoat PU serves as mortar for the Bestcoat system: Bestcoat standard.

MAINTENANCE

In order to retain the qualities of the PU mortar coating for a long time we recommend regular maintenance. The floor can be steam-cleaned.

NOTE

The characteristic data are approximate values calculated by us. They do not represent warranted characteristics. Consequently, no liability claims of any kind may be derived from the Technical Data Sheet.

(A) TECHNICAL DATA

Liquid product (A+B+C+D)

1. Solids content	99%
2. Density (20 °C)	1.9 g/cm ³
3. Viscosity (20 °C)	A+B 500-1000 Mpas
4. Packaging size (four component container)	20kg
5. Colours	Assorted
6. Shelf life	12 months at 15 °C to 20 °C in closed original container
7. Storage	Dry at 10 °C to 30 °C, avoid direct sunlight





(B) TECHNICAL DATA

Cured material

1. Bending tensile strength (DIN EN 196 / ASTM C190)	18 N/mm ²
2. Compressive strength (DIN EN 196 / ASTM C109)	58 N/mm ²
3. Tensile strength (ISO R 527 / ASTM D638)	10 N/mm ²
4. Adhesive pull strength (DIN ISO 4624)	> 2.5 N/mm ² (crack in concrete)
5. Abrasion resistance (DIN 53754 / ASTM D1044)	1210 mg/1000 cycles (Taber H22)
6. Heat expansion coefficient (DIN EN 1770 / ASTM C531)	3.5 x 10 ⁻⁵ / °C
7. Heat conductivity (DIN 52612 / BS 874)	0.91 W/m °C
8. Water absorption (8CP.BM 2/67/2)	0ml
9. Temperature resistance 4mm Dry: Wet:	85 °C 60 °C

Disclaimer:

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.