KLB KÖTZTAL
Lacke + Beschichtungen GmbH

KLB-SYSTEM POLYURETHAN
PU 64 Haftpromotor

Ready-for-use polyurethane primer for optimising the adhesion of polyurethane coatings on concrete and other polyurethane coatings

Packaging units

Article no.	Packaging	Content (kg)	Units/pallet
PU6955-50	Canister	10.00 kg	30

Product characteristics

Mixing ratio parts by weight	One-component, no pot life
Processing temperature	Minimum 10 °C / 50 °F (room and floor temperature)
Curing time (accessibility)	10 °C / 50 °F : approx. 3 - 4 hrs. 20 °C / 68 °F : approx. 2 - 3 hrs. 30 °C / 86 °F : approx. 1 - 2 hrs.
Further coatings	After curing, but after 24 hours at the latest at 20 °C / 68 °F respectively after 36 hours at 10 °C / 50 °F
Consumption	0.050 - 0.100 kg/m² per application, depending on the absorbency or roughness of the substrate and choice of tool
Packaging	Flat bottle 1kg, can 10 kg
Shelf life	6 months (originally sealed) – **Protect from frost!**

Product description

KLB-SYSTEM POLYURETHAN PU 64 Haftpromotor is a ready-to-use, moisture-curing primer and adhesion promoter which contains solvents.

The product is used as a fast-curing, brushable, rollable and sprayable primer to improve the adhesion on concrete, cement screed, polyurethane and polyurea sealers, ceramic coverings, chipboard, steel and more.

KLB-SYSTEM PU 64 Haftpromotor can also be used to restore/reactivate the adhesion before the application of further polyurethane coating layers, such as **PU 5550, PU 420, PU 421, PU 424, PU 425, PU 426**, if previously applied polyurethane and polyurea sealing layers are affected by water (e.g. rain, condensation, etc.) or have hardened too far after exceeding the overcoating window. Furthermore, **KLB-SYSTEM PU 64 Haftpromotor** is used in the reactivation of primed, smooth or scattered surfaces that have previously been exposed to water.

The fast drying of **KLB-SYSTEM PU 64 Haftpromotor** enables a rapid recoatability.

Area of application

- Use as primer/bonding agent for scattered surfaces with previous water impact (rain, dew), after drying before polyurethane coatings and spray sealants.
- Adhesive primer for substrates susceptible to renovation and moisture, such as laying tiles, etc.
- Prior to the application or sealing of spray sealants, especially if they are permanently exposed to moisture.

Product features

- one-component
- rapid-setting
- good drying properties
- good interlayer adhesion

Technical data

Viscosity	50 - 150	mPas	DIN EN ISO 3219 (23 °C / 73.4 °F)
Solid content	> 65	%	KLB method
Density	1.03	kg/l	DIN EN ISO 2811-2 (20 °C / 68 °F)

The values established in tests are average values. Deviations from the product specification may occur.

Substrate

The substrate must be even, dry, free of dust, sufficiently resistant to tension and compression as well as be free from weakly-bonded components. Materials impairing adhesion such as grease, oil, paint residues, cement or other weakly-bonded or lose parts should be removed beforehand with suitable measures. The substrates must have a sufficiently high strength for the intended use. Mineral substrates such as concrete or cement screed must be prepared by shot-blasting. The surface strength must then be at least 1.5 N/mm². Observe the information issued by the trade associations, e.g. the most recent versions of BEB worksheets KH-0/U and KH-0/S.

Coatings or ceramic and other coverings must be free of grease, firmly adhering and dry. Before priming, the coverings must be cleaned and degreased, if necessary, and sanded until the surface is completely matt.

If sanded surfaces or polyurethane coatings are primed, they must be dry, clean and free of dust or sand. If necessary, create test surfaces.

Mixing

No mixing required! Shake or stir before use.

Processing

Apply the base coat in portions on the substrate and distribute in an evenly thin layer with a velour roller, paint brush, or by spraying. Check the adherence to recommended consumption quantities! It is very important to avoid ponding as thicker layers extremely delay curing, lead the material to foam and impair the adhesion of subsequent coatings!

For highly absorbent substrates such as dry screed elements, chipboard or other absorbent substrates, the application may have to be repeated until the primer produces a closed film.

On scattered surfaces, higher consumption may result depending on the roughness, thus a higher consumption is possible – also depending on the tool.

For narrow joints, the primer can be applied with a brush and evenly distributed.

Polyurethane coatings are sensitive to moisture when fresh, so the humidity specifications must be strictly observed. The coating of dew-damp substrates and the use of damp sand as well as sweat lead to foaming of the material and must be avoided. After application and until curing, the material must be protected from direct exposure to water. Make sure that the solvents contained have evaporated before overcoating. The surface must not be covered with a foil during drying and curing.

Check the climate conditions and ensure good air exchange after application. Floor and air temperature must not fall below 10 °C / 50 °F and humidity should be at 40 to 85%. The material to be processed must be at room temperature during

processing. During application and for at least 6 hours afterwards, the floor temperature may be a maximum of 3 °C / 3K / 5.4 °F colder than the ambient room air temperature to exclude a dew point on the surface to be coated and the fresh coating. The specified hardening times apply for 20 °C / 68 °F. Lower temperature may increase; higher temperature may decrease the curing and processing times.

Cleaning

To remove fresh contamination and to clean tools, use thinner **VR 28** immediately. Hardened material can only be removed mechanically.

Storage

Store in dry and at frost-free conditions. Ideal storage temperature is between 10 - 20 °C / 50 - 68 °F. Bring to a suitable processing temperature before application. Tightly re-seal opened packages and use up the content as soon as possible.

Special remarks

The product is regulated by the German Ordinance on Hazardous Substances (GefStoffV), the German Ordinance on Industrial Safety and Health (BetrSichV), and transport regulations for hazardous goods. The necessary information is contained in the DIN Safety Data Sheet. Observe all identification information on the container label!

GISCODE: PU50

Indication of VOC-content:
(EG-Regulation 2004/42) Maximum Permissible Value 500 g/l (2010,II,i/lb): Ready-for-use product contains < 500 g/l VOC.

CE marking

CE

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PU64Haftpromotor-V1-012021	
DIN EN 13813:2003-01	
Kunstharzestrichmörtel DIN EN 13813: SR-B1,5	
Brandverhalten	E_{fl}-s1
Freisetzung korrosiver Substanzen	SR
Verschleißwiderstand BCA	NPD
Haftzugfestigkeit	B 1,5
Schlagfestigkeit	NPD

NPD = No Performance Determined (Kennwert nicht festgelegt)

Please consider the latest version of this product information on our website.

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