



KLB-SYSTEM DEKOR

DS 925 Porenfüller

Low-emission 1-component pore filler for stone carpets

Packaging units

Article no.	Packaging	Inhalt	Units/pallet
DP7502-50	Bucket	10.00 kg	40
DP7502-25	Hobbock	25.00 kg	12



Product characteristics

Processing time	One-component
Processing temperature	Minimum 15 °C / 59 °F (room and floor temperature)
Curing time (accessibility)	24 - 48 hours at 20 °C / 68 °F
Curing	2 - 3 days until mechanical load at 20 °C / 68 °F 7 days until chemical load at 20 °C / 68 °F
Consistency	Thixotropic, white formulation
Consumption	Approx. 0.550 - 0.650 kg/m ² for grain size 1 - 2 mm Approx. 0.750 - 0.900 kg/m ² for grain size 2 - 3 mm Approx. 1.000 - 1.150 kg/m ² for grain size 3 - 4 mm
Colour after drying	Glossy, transparent after drying
Shelf life	12 months (originally sealed) – Protect from frost!

Product description

KLB-SYSTEM DEKOR DS 925 Porenfüller is a low-emission single-component dispersion compound for pore-sealing of stone carpets.

KLB-SYSTEM DEKOR DS 925 Porenfüller consists of a high-quality polymeric dispersion formula. Because of its aligned structured viscosity, one application is sufficient for an even and optically appealing coating.

KLB-SYSTEM DEKOR DS 925 Porenfüller is certified according to the "Indoor Air Comfort Gold" and meets the requirements for a sustainable building certification according to DGNB, LEED or BREEAM. The "Indoor Air Comfort" product certification sets the highest requirements for the emission of volatile organic compounds and meets not only the German requirements of AgBB or ABG, but also the emissions regulations of many other European countries.

KLB-SYSTEM DEKOR DS 925 Porenfüller cures into a transparent and glossy material which largely preserves the structure of the quartz pebble coating. The one-component adjustment allows processing to be without the otherwise usual pot life of reaction resins. As a dispersion-based product, no special protective measures are required during application.

KLB-SYSTEM DEKOR DS 925 Porenfüller is produced on environmentally friendly dispersion technology and thus has low odour during and after application. **KLB-SYSTEM DEKOR DS 925 Porenfüller** is suitable for pale sands in interior areas because of its non-yellowing adjustment. Not suitable for permanently or frequently wet areas. Due to tires or other rubber parts, non-removable marks may be left on the floor. To avoid such circumstances, place suitable pads e.g. made of acrylic

underneath the tires. The appearance may be altered when using dark coloured coatings. Conduct a trial to estimate the optical impression.

Because of its physical curing, **KLB-SYSTEM DEKOR DS 925 Porenfüller** shows limited chemical resistance. After an adequate drying time, the surfaces filled with **KLB-SYSTEM DEKOR DS 925 Porenfüller** may be sealed with **KLB-SYSTEM EPOXID EP 705 E** or **KLB-SYSTEM POLYURETHAN PU 805 E**.

Note: **KLB-SYSTEM DEKOR DS 925 Porenfüller** is not to be used as a sealer. By using **KLB-SYSTEM DEKOR DS 925 Porenfüller**, the coatings will not become liquid-tight.

Area of application

- **DS 925 Porenfüller** may be used for stone carpets and granulate coatings for all areas not permanently exposed to water.
- Use for areas where increased cleanability is desired. Due to the pore-closing effect, granulate coatings can also be wiped with a damp cloth.
- Preferably for decorative coatings with grain size 1 - 2 mm, 2 - 3 mm and 3 - 4 mm. Curing time depends on the amount of applied material applied.
- Not recommended for wet areas or areas with increased dampness. **EP 177** is recommended.

Product features

- one-component
- ready-to-use
- for interior use
- physical drying
- low-grade yellowing
- physiologically harmless
- low-emission
- stable consistency

Technical data

Density	1.02	kg/l	DIN EN ISO 2811-2 (20 °C / 68 °F)
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The values established in tests are average values. Deviations from the product specification may occur.

Tests

External test certificates are available:

- Certified as low-emission according to "Eurofins Indoor Air Comfort Gold". Compliant with AgBB for recreation rooms.

Note:

Please ask for the tested system structure!

Substrate

Apply the pore-filler after all prior coating layers have cured. When using epoxy resin coatings, **DS 925 Porenfüller** may not be applied before 24 hours at 20 °C / 68 °F (e.g. with **EP 172** or **EP 175 Spezial**). For polyurethane resin coatings (**PU 9010 Flex**), a curing time of at least 24 hours at 20 °C / 68 °F should also be allowed before applying the pore filler. Increase the waiting period for lower temperatures. A longer waiting period will not affect the adhesion; however, care must be taken not to soil the pads in the meantime. Decorative quartz containing proportions of sulphur gravel (pyrite) can form "rusty" stains due to the moisture of the pore filler. Suitable quartz without pyrite is recommended for use with

DS 925 Porenfüller. If older coatings are to be sealed, ensure that the surfaces are thoroughly cleaned. Dirt and fungal spores that have not been removed can lead to discolouration. If the type of covering is not known, a test surface is recommended.

Processing

DS 925 Porenfüller can be applied directly onto the surface prepared for coating. Apply in portions and process immediately. Suitable are rubber squeegees or rubber splines. Apply **DS 925 Porenfüller** with a smooth flexible trowel over the grain. It is recommended to close the surface evenly by two trowel strokes in opposite directions. To avoid shoulders, always work "fresh-in-fresh". Divide working areas so the material will not run dry. For larger areas, 2 or better more people should carry out the application in a meticulous way of working. Check the climate conditions and ensure sufficient drying and good air exchange after application (avoid draughts). For a non-porous and closed surface, several troweling steps may be necessary.

Floor and air temperature must not fall below 15 °C / 59 °F and humidity should not exceed 75 % during processing. The recommended climatic conditions must also be maintained during curing or drying. The difference in floor and room temperature must remain less than 3 °C / 3 K/ 5.4 °F so as not to impede the curing process. If condensation or a dew-point situation arise, regular curing will not be possible with drying problems and spotting to occur. If the indoor climate is unfavourable, there may be long delays in drying, and the usability may be delayed as a consequence.

Cleaning

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

Storage

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

Special remarks

The necessary information is contained in the DIN Safety Data Sheet. Observe all identification information on the container label!

GISCODE: D1

Indication of VOC-content:

(EG-Regulation 2004/42) Maximum Permissible Value 140 g/l (2010,II,i/wb): Ready-for-use product contains < 140 g/l VOC.

CE marking

	
KLB Kötztal Lacke + Beschichtungen GmbH Günztalstraße 25 FRG-89335 Ichenhausen	
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DS925-V1-022013	
DIN EN 13813:2003-01	
Synthetic resin screed mortar DIN EN 13813: SR-B1.5-AR0.5-IR4	
Fire behaviour	E _f -s1
Emission of corrosive substances	SR
Wear resistance BCA	AR 0.5
Adhesive tensile strength	B 1.5
Impact resistance	IR 4



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