

KÖSTER LF-VL

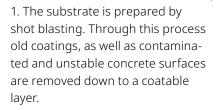
Solvent free, self leveling flooring



# KÖSTER LF-VL

### **Application**







2. Floors and screeds must also be shot blasted or grinded to roughen the surface and produce an open pored, absorptive surface.



3. Details such as corners and edges have to be prepared by mechanical grinding.



4. When shot blasting is performed with steel abrasive, the surface is cleaned with a magnetic broom. The collected shot can be re-used.



5. To enhance bonding performance all dust and loose particles are removed by vacuum cleaning.



6. Joints and the edges of the work area are taped off to achieve straight edges and to keep the area clean.



7. KÖSTER CT 121 is used as a primer. Substrates with high vapor drive must be sealed with KÖSTER VAP 2000.



8. Broadcast dried silica sand into the wet primer (only when primed with KÖSTER CT 121) to increase the bond strength of the subsequent layer.



9. After curing, surplus material is removed by vacuum cleaning.



10. The components are mixed for a minimum of 3 minutes with a mechanical stirring device until a homogenous consistency is reached. Follow the mixing procedures given in the Technical Guideline.



11.To avoid defects due to insufficient mixing, re-pot the material and mix again. The KÖSTER Resin Stirrer achieves even results as a mixer attachment.





12. . Apply the LF-VL with a slotted squeegee or trowel in at least one layer.

Consumption per mm layer thickness is 1.3 kg per m<sup>2</sup>.



13. After the material has been placed on the prepared substrate, KÖSTER LF-VL can be evenly distributed using a suitable smoothing tool. The material is self-leveling.



14. 4. Immediately after smoothing the material should be de-aired with a spiked roller. Spiked shoes must be worn during application while walking over the fresh material



15. The result is a decorative, visually appealing floor coating. KÖSTER LF VL is characterized by high abrasion resistance and is ideal for industrial and commercial floors.



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#### 155ueu. 172025

## Technical data

#### KÖSTER CT 121

## Self leveling epoxy coating

KÖSTER LF-VL

Solvents
Components
Mixing ratio

Pot life at + 12 °C / + 23 °C

Density Color

Application temperature
Temp. difference to dew point
Compressive strength (28 days)
Bending tensile strength (28 days)

Tensile strength (7 days)

Consumption
Fields of application

Packging Storage Epoxy primer for mineral substrates

Solvent free
Two components
2:1 (A:B)
60 min
1 g / cm³
Transparent
Min. + 15 °C
Min. + 3 °C

> 79.1 N / mm<sup>2</sup> > 12 N / mm<sup>2</sup> > 3.9 N / mm<sup>2</sup>

Approx. 0.4 kg / m<sup>2</sup> (0.4 mm layer thickness) Priming for mineral substrates

25 kg combi-package At least 12 Months Solvent free
Two components
5,7:1 (A:B)
60 min / 40 min
1.34 g / cm<sup>3</sup>
Pebble grey

Min. + 10 °C Min. + 3 °C > 50 N / mm<sup>2</sup> > 12 N / mm<sup>2</sup>

> 4 N / mm<sup>2</sup> Approx. 2.6 kg / m<sup>2</sup> (2 mm layer thickness)

floor covering for industrial and commercial uses

26.8 kg or 6.7 kg combi-package At least 12 Months

#### // Contact us

KÖSTER BAUCHEMIE AG Dieselstraße 1–10 | D-26607 Aurich Tel.: +49 4941 9709 0 | E-Mail: info@koster.eu

#### www.koster.eu

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