



Self-leveling mineral industrial floor for concrete repair and protection against acids

## // Technical Data

Technical Data	KÖSTER SL Protect
Resistant to foot traffic	approx. 3 hours (+20 °C)
Compressive strength (28 days)	> 45 N / mm <sup>2</sup>
Bending tensile strength (28 days)	> 10 N / mm <sup>2</sup>
Shrinkage	≤ 0.5 mm / m
Mixed density	approx. 1.9 kg / l
Min./max. layer thickness	3 to 30 mm
Pot life	approx. 30 Min. (+20 °C)
Substrate preparation	according to need by shot blasting, grinding, or brushing
Primer	KÖSTER SL Primer on diffusion-open concrete
Application	gauging rake, spiked roller
Preparation for subsequent resin coatings	sanding sufficient (for KÖSTER synthetic resin coatings)
Sealant	apply KÖSTER Polysil TG 500 to seal the pores



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DEUTSCHE BAUCHEMIE



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Floor Systems  
 Self-leveling Underlayment  
 KÖSTER SL Protect

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For high mechanical loads

Chemically highly resistant

## // Application



1 Substrate preparation



2 Prime with KÖSTER SL Primer



3 Use an electrical paddle mixer and mix intensively for three minutes



4 Distribute the material in the desired layer thickness directly after mixing



5 While working larger areas use a KÖSTER Gauging Rake to distribute the material



6 Lastly a KÖSTER Spiked Roller is used for de-airing



KÖSTER SL Protect for industrial and agricultural areas with high exposure to chemicals and acids

## Key features of KÖSTER SL Protect

- High density self-leveling underlayment
- Chemical and acid resistant
- Universal application to concrete
- High compressive strength 45 N/mm<sup>2</sup>
- Excellent flowability
- Easy application
- High frost and de-icing salt resistance
- Easy, lump-free mixing
- Environmentally friendly binding agent (lower CO<sub>2</sub> emissions)
- Quick curing time – trafficable after 2-3 hours
- For interior and exterior application
- Low shrinkage
- VOC free
- Free of harmful substances

