



industrial and decorative **flooring**
coatings for concrete and steel
Wearing courses for bridge decks and other constructions

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HIM Sealer DS

Solvent free, 2 component floor sealer based on epoxy resin

Uses
HIM Sealer DS has been designed for use as a sealer for Quartzcolor floors, such as HIM DS3000. In all cases a finish coat, for example HIM FC215 or HIM FC240, is applied to improve UV-resistance and scratch resistance.
Product description
HIM Sealer DS is a solvent-free two-component floor sealer, based on epoxy resin. The cured product forms a transparent seal coat for Quartzcolor floors such as HIM DS3000.
Advantages
<ul style="list-style-type: none">▼ Low viscosity – easy to apply▼ Solvent free – no odor or smell during application▼ Resistant to a wide range of chemicals▼ Durable – good wear resistance
Maintenance
The service life of a floor can be considerably extended by good housekeeping. Regular cleaning may be carried out using a rotary scrubbing machine with a water miscible cleaning agent at temperatures up to 50°C. During the first 7 days the floor should not be cleaned with a water based cleaning agent.
Colors
HIM Sealer DS is transparent, colorless.
Flooring system
Sealer for Quartzcolor floors

Technical data *)	HIM Sealer DS
Mixing ratio base : hardener	65 : 35
Specific gravity (mixed)	App. 1,1
Volume of solids (mixed)	100%
Temperature resistance	up to 80°C in air
Pot life at 20°C	25 minutes
Curing at 20°C	Foot traffic after 16 hours, recoatable after 16 hours but within 7 days, fully cured after 7 days
Material Consumption (Theor.)	0,3-0,75 kg/m ² depending on the substrate
Chemical resistance	the cured product is resistant to petrol, oils and fats, detergents, some aliphatic hydrocarbons and diluted alkalis. For further information on chemical resistance please contact HIM

*) For detailed information contact HIM.



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Temperature limitations
HIM Sealer DS shall not be applied at temperatures below 10°C, nor at a substrate temperature which is lower than the dew point temperature plus 3°C. Maximum application temperature is 35°C. Maximum relative humidity 80%.
Surface preparation
Resin floors: clean, dry, free of oil and fat and not older than 7 days. Older floors should be grinded.
Mixing
Proper mixing of the components is essential. Add the hardener to the base component and mix well for 3 minutes. It is recommended to pour the mix into a clean tin and mix again before applying the material. Unmixed material may result in soft spots and/or differences in gloss. Do not add solvent!
Application
When mixed, HIM Sealer DS should be applied immediately on to the substrate, using a trowel, rubber squeegee or roller. A finish or second coat may be applied after app. 16 hours, depending on the conditions on site.
Material consumption (theoretical)
0,3 – 0,75 kg/m ² , depending on the substrate
Finish
HIM Sealer DS may be finished with 1 or 2 coats of a clear HIM finish coat, such as HIM FC230, HIM FC215 or HIM FC240.
Safety precautions
Some of the components mentioned in this product information sheet, may be classified as irritant, flammable or corrosive. Material Safety Data Sheets, available for each component, must therefore be fully consulted in order to make sure relevant care is taken.
Tool cleaning
HIM Sealer DS should be removed from tools and equipment with HIM Solvent 102 immediately after use.
Shelf life
HIM Sealer DS has a shelf life of 12 months if kept in a dry, cool store in the original, unopened packs.
Disposal
Disposal of spillage or empty packaging should be in accordance with local waste disposal regulations. For further information refer to the Material Safety Data Sheet.
Pack size
HIM Sealer DS is supplied in sets of 22,5 kg. For large projects base and hardener may be supplied in 200 liter drums.
Flash points
HIM Sealer DS base > 150°C HIM Sealer DS hardener > 100°C For primer, finish and solvent see the relevant technical datasheet.