

Technical Data Sheet

StoDivers SSH

Sodium silicate liquid floor hardener and dustproofer

Characteristics

Functionality	<ul style="list-style-type: none"> • Provides hard-wearing surfaces and prevents dusting • Easy and economical application • Impervious surface provides a hygienic and easily cleaned surface • Increases wear resistance and life expectancy of concrete by case hardening • Can be used internally as well as externally • Reduces penetration of oil, grease and moisture • Improves resistant against oil, greases and many other commonly used chemicals • Highly penetrative material to chemically combine with hydrated cement
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Application	Apply by squeegee, roller or sprayer
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Area of use

- Factories
- Workshops
- Garages
- Warehouses
- Carparks

Technical data

Data	Criteria	Test Standard	Value	Unit
	Abrasion resistance	ASTM D4060	0.09	gram

The values stated are average values. Due to the use of natural raw material in our products, the actual value determined on an individual delivery may deviate slightly, without compromising product suitability.

Application

Substrate preparation	<p>Surface to be treated must be sound, dry and free from all loose dirt, oil, sealers, curing compounds and other deleterious matters.</p> <p>For old concrete floors, treat vigorously with a hard broom or wire brush, followed by soft brooming to remove any loose dust.</p> <p>New concrete floor must be thoroughly dry and cured for minimum 14 days before treatment.</p>
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Material preparation	Stir the compound well before use.
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Coating procedure	<p>Spread StoDivers SSH evenly over the concrete surface with a squeegee, roller or sprayer.</p> <p>Spread the material backward and forward to ensure even saturation on the substrate. Avoid forming puddles.</p> <p>Depending on the porosity of the floor, StoDivers SSH is normally applied in 2 coats. For very dense, well trowelled / power-floated surfaces, generally a single coat would be</p>
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Application

Coating procedure (con'td) sufficient. However, for very porous / non power-floated surfaces an additional third coat may be required.
Allow the floor to stand 24 hours between coats, continuing applications until no dusting occurs on rubbing the surface.
If white crystalline deposits develop during the final application, flush the floor down with plenty of clean water and brush with a stiff broom.

Consumption The coverage rate of StoDivers SSH is approximately 10 - 13m²/litre/coat, depending on the porosity of the substrate.

Application temperature Minimum application temperature +8°C
Maximum application temperature +45°C

Cleaning of tools Tools must be cleaned immediately after use with clean water.

Delivery

Colour Colourless

Packing StoDivers SSH is available in 25-litre and 210-litre drum.

Storage

Storage life/conditions The shelf life of StoDivers SSH is approximately 12 months if stored in cool dry conditions.

Special notes

Safety Precautions StoDivers SSH is irritating to the eyes and skin. Suitable protective clothing and gloves should be worn. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice. The material is harmful if swallowed and medical attention should be sought immediately. When used in enclosed areas, good ventilation must be provided.

Technical Support Please consult Sto Technical Service Department or the local sales office for further information and any site assistance required.

Disclaimer Sto Products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions. Whilst efforts are made to ensure that any advice, recommendation, specification or information STO SEA may give is accurate and correct, it cannot accept any liability either directly or indirectly arising from the use of its products as it has no direct or continuous control over where or how the products are applied, whether or not in accordance with any advice, specification, recommendation or information given by it. If any product fails to conform, STO SEA will replace the product at no cost to the buyer. Replacement of any products shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within six months from the date of the claimed breach. Buyers shall be solely responsible for determining the suitability of products for their intended use.

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