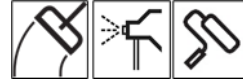


# Technical Data Sheet

## StoDivers SSH

Sodium silicate liquid floor hardener and dust-proofer



### Characteristics

<b>Area of application</b>	<ul style="list-style-type: none"> <li>▪ Factories</li> <li>▪ Workshops</li> <li>▪ Garages</li> <li>▪ Warehouses</li> <li>▪ Carparks</li> </ul>
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### Properties

- 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

### Technical Data

Criteria	Standard / test specification	Value / Unit	Notes
Abrasion resistance	ASTM D4060	0.09 gram	

The characteristic values stated are average values or approximate values. Due to the natural raw materials in our products, the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended use.

### Substrate

#### Preparation

The substrate to be treated must be sound, dry, load bearing and free from native and foreign substances that have a separating effect.

For old concrete floors, treat vigorously with a hard broom or wire brush, followed by soft brooming to remove any loose dust.

New concrete floor must be thoroughly dry and cured for minimum 14 days before treatment.

### Application

<b>Application temperature</b>	Lowest application temperature: +8°C Highest application temperature: +45°C
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<b>Material Preparation</b>	Stir the compound well before use.
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Consumption	Type of application	Approx. coverage
	Coverage rate of StoDivers SSH	10 – 13 m <sup>2</sup> /litre/coat

Material consumption depends on the application, substrate, and consistency, among other factors. The stated consumption values are only to be used as a guide. If required, determine precise consumption values on the basis of the specific project.

# Technical Data Sheet

## StoDivers SSH

<b>Application method</b>	Apply by squeegee, roller or sprayer
<b>Application</b>	<p><u>Liquid floor hardener / dust-proofer</u></p> <ol style="list-style-type: none"> <li>1) Spread StoDivers SSH evenly over the concrete surface with a squeegee, roller or sprayer.</li> <li>2) Spread the material backward and forward to ensure even saturation on the substrate. Avoid forming puddles.</li> <li>3) Allow the floor to stand 24 hours between coats, continuing applications until no dusting occurs on rubbing the surface.</li> <li>4) If white crystalline deposits develop during the final application, flush the floor down with plenty of clean water and brush with a stiff broom.</li> </ol> <p>Note:</p> <ol style="list-style-type: none"> <li>1. Depending on the porosity of the floor, StoDivers SSH is normally applied in 2 coats.</li> <li>2. For very dense, well trowelled / power-floated surfaces, generally a single coat would be sufficient. However, for very porous / non power-floated surfaces an additional third coat may be required.</li> </ol>

<b>Cleaning the tools</b>	Tools must be cleaned immediately after use with cleaning water.
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<b>Notes, recommendations, special information, miscellaneous</b>	Please consult the local sales office for further information and any site assistance required.
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### Delivery

Packaging	Name	Packing
	StoDivers SSH	5 litres
	StoDivers SSH	25 litres
	StoDivers SSH	210 litres

### Storage

<b>Storage conditions</b>	Store in cool dry conditions; avoid direct sunlight.
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<b>Storage life</b>	This product has a shelf life of 12 months from the manufacturing date.
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### Identification

<b>Product group</b>	Floor Hardener
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<b>Safety</b>	Please refer to Safety Data Sheet.
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### Special Notes

The information in this Technical Data Sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Users are nevertheless responsible for establishing the product's suitability and use.

Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation. Where no approval is given, such applications are at the user's own risk. This applies in particular when the product is used in combination with other products.

When a new Technical Data Sheet is published, all previous Technical Data Sheets are no longer valid. The latest version is available on [www.sto-sea.com](http://www.sto-sea.com).

## Technical Data Sheet

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\*Product images may differ from the actual product.