

### 45441: BASE 45445: CURING AGENT 95441

- Description:** **Hempel's Silic Seal 45441** is a two component epoxy to enable easy conversion from antifouling to Hempel's Silic One Fouling Release System. Can be applied on previously painted antifouling in good condition.
- Recommended use:** For use as a sealer on antifouling to secure adhesion between antifouling and **Hempel's Silic One Tiecoat 27450**. For use on all substrates excluding wood.
- Availability:** Part of European Yacht assortment. Local availability subject to confirmation.

### PHYSICAL CONSTANTS:

- Shade nos/Colours: 50711/ Light red
- Finish: Flat
- Volume solids, %: 36 ± 1
- Theoretical spreading rate: 14.4 m<sup>2</sup>/l [577.4 sq.ft./US gallon] 25 micron/1 mils
- Flash point: 30 °C [86 °F]
- Specific gravity: 1.2 kg/litre [10 lbs/US gallon]
- Dry to touch: 1 hour(s) 20°C/68°F  
2 hour(s) 10°C/50°F
- Dry to sand: 2 hour(s) 20°C/68°F  
4 hour(s) 10°C/50°F
- Fully cured: 7 day(s) 20°C/68°F  
14 days 10°C/50°F
- VOC content: 542 g/l [4.5 lbs/US gallon]
- Shelf life: 3 years 25°C/77°F

*The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.*

### APPLICATION DETAILS:

- Version, mixed product:** **45441**
- Mixing ratio: BASE 45445: CURING AGENT 95441  
3:1 by volume. Stir the Base, add Curing Agent and mix well. Allow mixed paint to rest for several minutes before use to allow air bubbles to escape.
- Application method: Brush / Roller
- Thinner (max.vol.): Do not dilute.
- Pot life: 8 hour(s) 20°C/68°F
- Cleaning of tools: Hempel's Thinner 845 (No 5) 08451
- Indicated film thickness, dry: 25 micron [1 mils]
- Indicated film thickness, wet: 75 micron [3 mils]

- Safety:** Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult HEMPEL Safety Data Sheets and follow all local or national safety regulations.

# Product Data

## Hempel's Silic Seal 45441



SURFACE PREPARATION:	<b>Preparation:</b> Use a metal scraper to determine whether the aged antifouling adheres sufficiently. In case of bad adhesion, remove all loose/brittle layers. Abrade with wet abrasive paper. Rinse the surface with fresh water. Allow to dry <b>Uncoated surface:</b> Not for uncoated surfaces.
PRODUCT APPLICATION:	<b>Method:</b> Apply 1 coat of the product. Be aware that the product has a very low viscosity and any runs and sags should be brushed out immediately. Only for use with Silic One Fouling Release System (see brochure for details).
APPLICATION CONDITIONS :	The surface must be completely clean and dry at the time of application and its temperature must be above the dew point to avoid condensation. Do not apply in direct sunlight. In confined spaces provide adequate ventilation during application and drying.
RECOMMENDED DETERGENT :	HEMPEL'S PRE-CLEAN 67602
PRECEDING COAT:	Previous Antifouling.
SUBSEQUENT COAT:	Hempel's Silic One Tiecoat 27450
REMARKS:	Overcoating intervals: Hempel's Silic One Tiecoat 27450 Min 2 hours 20°C/68°F; 4 hours 10°C/50°F Max 4 hours 20°C/68°F; 8 hours 10°C/50°F
Stirring:	Stir product well before use.
Storage Conditions:	Exposure to air and temperature variances should be avoided. Avoid direct sunlight. Keep containers tightly sealed. Store at temperatures: 5°C/41°F - 35°C/95°F
Overcoating:	If the maximum overcoating interval is exceeded, clean with fresh water and allow to dry. Light abrade and remove all dust prior to repainting. If surface has been contaminated by oils and pollutants, thoroughly remove with suitable detergent, rinse with fresh water and allow to dry. Light abrade and remove all dust prior to repainting.
Note:	<b>Hempel's Silic Seal 45441</b>
ISSUED BY:	HEMPEL A/S <span style="float: right;">4544150711</span>

This Product Data Sheet supersedes those previously issued.  
For explanations, definitions and scope, see "Explanatory Notes" available on [www.hempel.com](http://www.hempel.com). Data, specifications, directions and recommendations given in this data sheet represent only test results or experience obtained under controlled or specially defined circumstances. Their accuracy, completeness or appropriateness under the actual conditions of any intended use of the Products herein must be determined exclusively by the Buyer and/or User.  
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