



## HEMPASIL NEXUS X-TEND 27500

<b>Description:</b>	HEMPASIL NEXUS X-TEND 27500 is a high solids, one component, silicone based humidity curing tiecoat for HEMPASIL FOULING RELEASE systems. Minimum curing temperature: 5°C/41°F.
<b>Recommended use:</b>	As a tiecoat for the HEMPASIL FOULING RELEASE System used for touch-up and repair of damaged areas securing adhesion between the anticorrosive system and the Hempasil Fouling Release topcoat. As a low temperature tiecoat for full coat applications of the HEMPASIL FOULING RELEASE system at temperatures above 5°C/41°F .
<b>Features:</b>	Fouling release tiecoat
<b>Availability:</b>	Subject to special agreement.
<b>PHYSICAL CONSTANTS:</b>	
Shade nos/Colours:	23410/ Yellow.
Finish:	Semi-gloss
Volume solids, %:	65 see REMARKS overleaf
Theoretical spreading rate:	5.4 m <sup>2</sup> /l [216.5 sq.ft./US gallon] to 120 micron/4.8 mils
Flash point:	28 °C [82.4 °F]
Specific gravity:	1.2 kg/litre [10 lbs/US gallon]
Dry to touch:	3 hour(s) 20°C/68°F
Fully cured:	2 day(s) 20°C/68°F
VOC content:	258 g/l [2.1 lbs/US gallon]
Shelf life:	1 year (25°C/77°F) from time of production. Depending on storage conditions, mechanical stirring may be necessary before usage.

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

### APPLICATION DETAILS:

Application method:	Airless spray / Brush/Roller (touch up) see REMARKS overleaf
Thinner (max.vol.):	No thinning see REMARKS overleaf
Pot life:	1 hour(s) 20°C/68°F
Nozzle orifice:	0.019 to 0.021 "
Nozzle pressure:	150 bar [2175 psi] (Airless spray data are indicative and subject to adjustment)
Cleaning of tools:	HEMPEL'S THINNER 08080 see REMARKS overleaf
Indicated film thickness, dry:	120 micron [4.8 mils]
Indicated film thickness, wet:	185 micron [7.4 mils]
Recoat interval, min:	According to specification.
Recoat interval, max:	According to specification.
<b>Safety:</b>	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.



## HEMPASIL NEXUS X-TEND 27500

SURFACE PREPARATION:	<b>Newbuilding:</b> According to specification. <b>Maintenance, old F/R systems:</b> Possible spot repair with specified HEMPADUR system followed by spot application of the product. In any of the above-mentioned cases, a detailed working specification is available upon request.
APPLICATION CONDITIONS:	Use only where application and curing can proceed at temperatures above: 5°C/41°F. The temperature of the surface and that of the paint itself must also be above this limit. Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT	According to specification. Recommended systems are: HEMPADUR
SUBSEQUENT COAT:	According to specification. Recommended systems are: HEMPASIL FOULING RELEASE COATING
REMARKS:	It is of the utmost importance that thorough protection and cleaning procedures are followed before and after application respectively. It is advisable to apply HEMPASIL SYSTEM after all other exterior painting is complete. This is to avoid silicone contamination of other painted surfaces. <b>Before</b> application cover all surfaces surrounding the areas to be applied with plastic sheeting to avoid overspray. <b>After</b> application clean all equipment very thoroughly.
Weathering/service temperatures: Application(s)	According to separate APPLICATION INSTRUCTIONS A well executed spray application is necessary. This paint material has special application properties and it is recommended first to make a small-scale application to get familiar with the properties.
Film thicknesses/thinning:	Not recommended. In exceptional cases use THINNER 08080 (max 5 vol%)
Cleaning of tools:	Very thorough cleaning with THINNER 08080 is necessary. DISPOSE OF CLEANING SOLVENTS AFTER USE. DO NOT RE-USE SOLVENTS AFTER CLEANING.
Storage Conditions:	Must be stored under absolutely dry conditions, protect against seeping humidity.
Volume solids, %:	The stated value is the theoretical volume solids.
Recoating note:	May be recoated with itself after 8 hour(s) at 20°C/68°F
Nota:	<b>HEMPASIL NEXUS X-TEND 27500 For professional use only.</b>
ISSUED BY:	HEMPEL A/S

2750023410

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.

The Products are supplied and all technical assistance is given subject to HEMPEL's GENERAL CONDITIONS OF SALES, DELIVERY AND SERVICE, unless otherwise expressly agreed in writing. The Manufacturer and Seller disclaim, and Buyer and/or User waive all claims involving, any liability, including but not limited to negligence, except as expressed in said GENERAL CONDITIONS for all results, injury or direct or consequential losses or damages arising from the use of the Products as recommended above, on the overleaf or otherwise. Product data are subject to change without notice and become void five years from the date of issue.