



HEMPASIL NEXUS X-SEAL 27600

ANTIFOULING SEALER FOR FOULING RELEASE SYSTEMS
27600: BASE 27609: CURING AGENT 98100: ADDITIVE 99701

Description:	HEMPASIL NEXUS X-SEAL 27600 is a flexible three component silicone based product.
Recommended use:	As a sealer for the HEMPASIL FOULING RELEASE System, establishing a bridge between the aged antifouling system and the Hempasil Fouling Release topcoat.
Availability:	Part of Group Assortment. Local availability subject to confirmation.
PHYSICAL CONSTANTS:	
Shade nos/Colours:	55001 / Pink
Finish:	Flat
Volume solids, %:	54 see REMARKS overleaf
Theoretical spreading rate:	4.5 m ² /l [180.5 sq.ft./US gallon] - 120 micron/4.8 mils
Flash point:	32 °C [89.6 °F]
Specific gravity:	1.3 kg/litre [11 lbs/US gallon]
Dry to touch:	1 - 2 hour(s) 20°C/68°F
Fully cured:	7 day(s) 20°C/68°F
VOC content:	405 g/l [3.4 lbs/US gallon]
Shelf life:	1.5 years for BASE 27609 ,1 year for CURING AGENT 98100 and 1.5 years for Additive 99701 , from time of production. Shelf life is reduced at storage temperatures above: 25°C/77°F <i>The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.</i>
APPLICATION DETAILS:	
Version, mixed product:	27600
Mixing ratio:	BASE 27609: CURING AGENT 98100: ADDITIVE 99701 16.8:2.3:0.9 by volume (see REMARKS overleaf)
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 (see REMARKS overleaf)
Nozzle orifice:	0.019 - 0.021
Nozzle pressure:	150 bar [2175 psi] / 2200 psi (Airless spray data are indicative and subject to adjustment)
Cleaning of tools:	THINNER 08080 (see REMARKS overleaf)
Indicated film thickness, dry:	120 micron [4.8 mils] / 5 mils
Indicated film thickness, wet:	225 micron [9 mils] / 9 mils
Recoat interval, min:	According to specification.
Recoat interval, max:	According to specification.
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.



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SURFACE PREPARATION:	Maintenance, antifouling systems: The product is designed especially for the purpose of recoating old antifouling systems with a HEMPASIL silicone top coat, creating a link between the aged antifouling system and the HEMPASIL top coat. This is feasible provided the general condition of the old antifouling system is good and very thorough cleaning is carried out. Spot repair is to be carried out with specified HEMPADUR system. A detailed working specification is available upon request.
APPLICATION CONDITIONS:	Use only where application and curing can proceed at temperatures above: 10°C/50°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 TOPCOAT
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. Before application cover all surfaces surrounding the areas to be applied with plastic sheeting to avoid overspray. After application clean all equipment very thoroughly.
Weathering/service temperatures:	According to separate APPLICATION INSTRUCTIONS
Stirring:	Add additive to base while stirring. Immediately after add curing agent and mix.
Application(s)	No change in the paints physical properties (e.g. viscosity increase) is apparent when the "Pot life" is exceeded. It is important that the paint is no longer used as its adhesion properties to the preceding coat are dramatically reduced after that time. 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: solid content of the mixed product. Due to the chemical reaction in the mixture the practical volume solid will be approx. 5% lower than indicated.
Recoating note:	One coat normally recommended. In case the product has to be recoated by itself, application must be wet in wet.
Note:	HEMPASIL NEXUS X-SEAL 27600 For professional use only.
ISSUED BY:	HEMPEL A/S

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This Product Data Sheet supersedes those previously issued.

For explanations, definitions and scope, see "Explanatory Notes" available on 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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