



# Product Data

## HEMPALIN EGGSHELL ENAMEL 52280

<b>Description:</b>	HEMPALIN ENAMEL 52280 is a semi-gloss, (Eggshell) alkyd enamel which forms a weather resistant coating. It is flexible and resistant to salt water and spillage of mineral oil and other aliphatic hydrocarbons.
<b>Recommended use:</b>	As a general purpose finishing coat in alkyd systems on exterior and interior steel and woodwork in mildly to moderately corrosive environment. As a finishing coat in engine rooms including tanktops, main engines and auxiliary machinery.
<b>Service temperatures:</b>	Maximum, dry: 120°C/248°F (these temperatures may cause yellowing/discoloration).
<b>Certificates/Approvals:</b>	Approved as a low flame spread material by Danish, German, Belgian and Italian authorities according to IMO resolution MSC 61 (67). Has a German and Danish EC-type Examination Certificate.
<b>Availability:</b>	Part of Group Assortment. Local availability subject to confirmation.

### PHYSICAL CONSTANTS:

<b>Colours/Shade nos:</b>	White/10000*	Black/19990*
<b>Finish:</b>	Semi - Gloss	Semi -Gloss
<b>Volume solids, %:</b>	46 ± 1	43 ± 1
<b>Theoretical spreading rate:</b>	15.3 m <sup>2</sup> /litre - 30 micron 615 sq.ft./US gallon - 1.2 mils	14.3 m <sup>2</sup> /litre - 30 micron 575 sq.ft./US gallon - 1.2 mils
<b>Flash point:</b>	38°C/100°F	38°C/100°F
<b>Specific gravity:</b>	1.1 kg/litre - 9.2 lbs/US gallon	0.9 kg/litre - 7.5 lbs/US gallon
<b>Surface dry:</b>	2¼ (approx) hrs at 20°C/68°F (ISO 1517)	2¼ (approx) hrs at 20°C/68°F (ISO 1517)
<b>Dry to touch:</b>	6-8 hours at 20°C/68°F	6-8 hours at 20°C/68°F
<b>V.O.C.:</b>	430 g/litre - 3.6 lbs/US gallon	455 g/litre - 3.8 lbs/US gallon

\*Other shades according to assortment list.

The physical constants stated are nominal data according to the HEMPEL Group's approved formulas. They are subject to normal manufacturing tolerances and where stated, being standard deviation according to ISO 3534-1. Further reference is made to "Explanatory Notes" in the HEMPEL Book.

### APPLICATION DETAILS:

<b>Application method:</b>	Airless spray	Air spray	Brush/Roller	
<b>Thinner (max. vol.):</b>	08230 (5%) overleaf)	08230 (15%)	08230 (5%)	(See REMARKS
<b>Nozzle orifice:</b>	.018"			
<b>Nozzle pressure:</b>	150 bar/2200 (Airless spray data are indicative and subject to adjustment)			
<b>Cleaning of tools:</b>	THINNER 08230			
<b>Indicated film thickness, dry:</b>	30 micron/1.2 mils			
<b>Indicated film thickness, wet:</b>	75 micron/3 mils			
<b>Recoat interval, min:</b>	8 hours (20°C/68°F)			
<b>Recoat interval, max:</b>	See REMARKS overleaf			

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APPLICATION CONDITIONS:	As dictated by normal good painting practice. In confined spaces provide adequate ventilation during application and drying.
PREDEDING COAT:	HEMPALIN PRIMER 12050, HEMPALIN PRIMER HI-BUILD 13200, HEMPALIN UNDERCOAT 42460 or according to specification.
SUBSEQUENT COAT:	None.
REMARKS:	<b>Certificates</b> have been issued under the former quality number 5228.
Colours:	Certain lead-free red and yellow colours may discolour when exposed to sulphide and chlorine-containing atmosphere.
Film thicknesses:	May be specified in other film thicknesses than indicated depending on purpose and area of use. This will alter spreading rate and may influence drying time and recoat interval. Normal range 30-40 micron/1.2-1.6 mils.
Thinning:	THINNER 08080 may be used for spray application, however, with a certain risk of wrinkling of the preceding fresh coat of HEMPALIN.
Recoating:	Recoat intervals related to later conditions of exposure: (30 micron/1.2 mils dry film thickness of HEMPALIN ENAMEL 52280)

	Minimum		Maximum	
Surface temperature	20°C/68°F		20°C/68°F	
Recoated with (quality numbers only)	Atmospheric		Atmospheric	
	Mild	Medium	Mild	Medium
52280	8 hours	8 hours	None	5 days

If the maximum recoat interval is exceeded, roughening of the surface is recommended to ensure intercoat adhesion.

Before recoating after exposure in contaminated environment, clean the surface thoroughly by (high pressure) fresh water hosing and allow to dry.

Note: HEMPALIN ENAMEL 52280 is for professional use only.

SAFETY: Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult HEMPEL Material Safety Data Sheets and follow all local or national safety regulations. This goes for personal protection such as, but not limited to, protection of lungs, eyes and of the skin, medical treatment in case of swallowing the paint or in case of other direct contact with the paint. Take necessary precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well ventilated areas and ensure that adequate forced ventilation exists when applying paint in confined spaces or when the air is stagnant.

This Product Data Sheet supersedes those previously issued. For definition and scope, see explanatory notes to applicable Product Data Sheets. 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.  
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