

HEMPATEX* ENAMEL 56360

Description:	HEMPATEX ENAMEL 5636 is a finishing coat based on acrylic resin and non-chlorinated plasticizer for optimum gloss and colour retention. Physically drying. Resistant to wear, impact, salt water, and aliphatic hydrocarbons. Moderately resistant to fish oil and other animal and vegetable oils. Not resistant to aromatic solvents. For service temperature range, and for a skidproof surface, see REMARKS overleaf.
Recommended use:	As an interior and exterior finishing coat in HEMPATEX systems in moderately to severely corrosive environment.
Service temperatures:	Maximum, dry: 80°C/176°F (<i>see REMARKS overleaf</i>).
Approvals, certificates:	Approved as a low flame spread material by Japanese authorities. Tested for non-contamination of grain cargo at the Newcastle Occupational Health, Great Britain.
Availability:	Subject to confirmation.

PHYSICAL CONSTANTS:

Colours/Shade nos:	Black/19990*	Red/50806*
Finish:	Semi-gloss	Semi-gloss
Volume solids:	31%	33%
Theoretical spreading rate:	8.9 m ² /litre - 35 micron 355 sq.ft./US gallon - 1.4 mils	9.4 m ² /litre - 35 micron 378 sq.ft./US gallon - 1.4 mils
Flash point:	25°C/77°F	25°C/77°F
Specific gravity:	1.0 kg/litre - 8.3 lbs/US gallon	1.0 kg/litre - 8.3 lbs/US gallon
Surface dry:	1 (approx.) hr at 20°C/68°F (<i>ISO 1517</i>)	1 (approx.) hr at 20°C/68°F (<i>ISO 1517</i>)
Dry to touch:	3-4 hours at 20°C/68°F	3-4 hours at 20°C/68°F
V.O.C.:	610 g/litre - 5.1 lbs/US gallon	592 g/litre - 4.9 lbs/US gallon

**Other shades according to assortment list.*

The physical constants are subject to normal manufacturing tolerances. Further reference is made to "Explanatory Notes" in the Hempel Book.

APPLICATION DETAILS:

Application method:	Airless spray	Air spray	Brush/Roller
Thinner (max. vol.):	0808 (5%)	0808 (15%)	0808 (5%)
Nozzle orifice:	.017"		
Nozzle pressure:	150 bar/2200 psi (<i>Airless spray data are indicative and subject to adjustment</i>)		
Cleaning of tools:	THINNER 0808		
Indicated film thickness, dry:	35 micron/1.4 mils		
Indicated film thickness, wet:	100 micron/4 mils		
Recoat interval, min:	4 hours (20°C/68°F)		
Recoat interval, max:	None (<i>See REMARKS overleaf</i>)		

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APPLICATION CONDITIONS:	As dictated by normal good painting practice. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT:	HEMPATEX HI-BUILD qualities, or according to specification.
SUBSEQUENT COAT:	None.
REMARKS:	
Colours:	Certain lead-free red and yellow colours may discolour when exposed to sulphide and chlorine-containing atmosphere. As HEMPATEX ENAMEL 5636 is a thermoplastic product, prolonged direct contact at temperatures above approx. 40°C/104°F may cause film indentation. When the temperature drops below, the mechanical strength is recovered.
Film thicknesses:	A series of maintenance jobs may result in build up of a too high total film thickness which may cause blister formation due to "entrapped" solvents. As each coat may also retain solvents, it is generally recommended not to apply HEMPATEX ENAMEL 5636 in excessive film thickness. Before recoating after exposure in contaminated environment, clean the surface thoroughly by high pressure fresh water hosing and allow to dry. Overlapping with certain other paints may cause cracking. Refer to Remarks of relevant Painting Specification. If a skid-proof surface is desired, sprinkle HEMPEL'S ANTI-SLINT 6750 evenly on the first coat of HEMPATEX ENAMEL 5636 while still wet (consumption approx. 2.5 kg/5.5 lbs to 25 m ² /270 sq.ft.). When the paint is dry, sweep up surplus grit and apply a second coat of HEMPATEX ENAMEL 5636. Antiskid properties can also be obtained by mixing 1.0 kg of HEMPEL'S ANTISLIP BEADS 6742 into 20 litres of HEMPATEX ENAMEL 5636.
Note:	HEMPATEX ENAMEL 5636 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. Harmful or fatal if swallowed; immediately seek medical assistance if swallowed. Avoid inhalation of possible solvent vapours or paint mist, as well as paint contact with skin and eyes. 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. Always take precautions against the risks of fire and explosions.

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.
Product data are subject to change without notice and become void five years from the date of issue.

Issued by HEMPEL'S MARINE PAINTS A/S.

*This is a corporate trademark of the Hempel Group.

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