

HEMPALIN* DANREX* 52360

Description: HEMPALIN DANREX 5236 is a versatile, alkyd-based, economy paint with fairly good penetration into rough and porous substrate.
Harmless to grain cargo.

Recommended use:

1. As a self-primed paint system on interior steel and woodwork, e.g. in dry cargo holds.
2. As a primer for alkyd-based paint systems in mild environment.

Service temperatures: Maximum, dry: 120°C/248°F.

Approvals, certificates: Approved as a low flame spread material by German and Japanese authorities.
Tested for non-contamination of grain cargo at the Newcastle Occupational Health, Great Britain.
Complies with Section 175.300 of Food Additive Regulations (in respect of carriage of dry foodstuffs) of the Code of U.S. Federal Regulations (FDA).

Availability: Subject to confirmation.

PHYSICAL CONSTANTS:

Colours/Shade nos:	Grey/10670	Red/50610
Finish:	Semi-gloss	Semi-gloss
Volume solids:	56%	57%
Theoretical spreading rate:	14.0 m ² /litre - 40 micron 561 sq.ft./US gallon - 1.6 mils	14.3 m ² /litre - 40 micron 571 sq.ft./US gallon - 1.6 mils
Flash point:	38°C/100°F	38°C/100°F
Specific gravity:	1.3 kg/litre - 10.8 lbs/US gallon	1.3 kg/litre - 10.8 lbs/US gallon
Dry to touch:	6-8 hours at 20°C/68°F	6-8 hours at 20°C/68°F
V.O.C.:	360 g/litre - 3.0 lbs/US gallon	360 g/litre - 3.0 lbs/US gallon

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

APPLICATION DETAILS:

Application methods:	Airless spray	Air spray	Brush/Roller	
Thinner (max. vol.):	0823 (5%)	0823 (15%)	0823 (5%)	(See REMARKS)
Nozzle orifice:	overleaf)			
Nozzle pressure:	.018"-.021"			
	150 bar/2200 psi			
	(Airless spray data are indicative and subject to adjustment)			
Cleaning of tools:	THINNER 0823			
Indicated film thickness, dry:	40 micron/1.6 mils			
Indicated film thickness, wet:	75 micron/3 mils			
Recoat interval, min:	8 hours (20°C/68°F)			
Recoat interval, max:	None (See REMARKS overleaf)			

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SURFACE PREPARATION:	New steel: Abrasive blasting to minimum Sa 2. For temporary protection, if required, use suitable shopprimer. All damage of shopprimer and contamination from storage and fabrication should be thoroughly cleaned prior to final painting. For repair and touch-up use HEMPALIN DANREX 5236. Maintenance: Remove oil and grease, etc. with suitable detergent. Remove salt and other contaminants by (high pressure) fresh water cleaning. Remove all rust and loose material by abrasive blasting or power tool cleaning. Dust off residues. Touch up to full film thickness.
APPLICATION CONDITIONS:	As dictated by normal good painting practice. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT:	HEMPALIN PRIMER 1205 or according to specification.
SUBSEQUENT COAT:	HEMPALIN DANREX 5236 is normally used as a self-contained system. May be recoated with oil or alkyd based paints according to specification, eg: Interior: HEMPALIN HOLD PAINT 5156. Exterior: (HEMPALIN UNDERCOAT 4246 followed by) alkyd-based finishing coat(s).
REMARKS:	Before recoating after exposure in contaminated environment, clean surface thoroughly by (high pressure) fresh water hosing and allow to dry.
Thinning:	THINNER 0808 may be used for spray application, however, with a certain risk of wrinkling of a preceding fresh HEMPALIN coat.
Note:	HEMPALIN DANREX 5236 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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