

# HEMPALIN\* UNDERCOAT 4246<sub>0</sub>

<b>Description:</b>	HEMPALIN UNDERCOAT 4246 is a fairly quick-drying alkyd paint.
<b>Recommended use:</b>	As a general purpose undercoating in alkyd paint systems on exterior and interior steelwork, wood, plaster, etc. in mildly to moderately corrosive environment.
<b>Service temperatures:</b>	Maximum, dry: 120°C/248°F.
<b>Approvals:</b>	Approved as a low flame spread material by Danish, British, Japanese, German, Belgian, Italian and Norwegian authorities.
<b>Availability:</b>	Subject to confirmation.

## PHYSICAL CONSTANTS:

Colours/Shade nos.:	White/10000
Finish:	Flat
Volume solids:	53%
Theoretical spreading rate:	13.3 m <sup>2</sup> /litre - 40 micron 531 sq.ft./US gallon - 1.6 mils
Flash point:	38°C/100°F
Specific gravity:	1.4 kg/litre - 11.7 lbs/US gallon
Dry to touch:	4 (approx.) hours at 20°C/68°F
V.O.C.:	385 g/litre - 3.2 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 method:	Airless spray	Air spray	Brush	<i>(See REMARKS overleaf)</i>
Thinner (max.vol.):	0823 (5%)	0823 (15%)	0823 (5%)	
Nozzle orifice:	.015"-.018"			
Nozzle pressure:	150 bar/2200 psi			
	<i>(Airless spray data are indicative and subject to adjustment)</i>			
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:	See REMARKS overleaf			
Recoat interval max:	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.

PRECEDING COAT: HEMPALIN PRIMERS or according to specification.

SUBSEQUENT COAT: HEMPALIN ENAMELS or according to specification.

### REMARKS:

Film thicknesses: May be specified in another film thickness than indicated depending on purpose and area of use. This will alter spreading rate and may influence drying time and recoating interval. Normal range dry is 30-40 micron/1.2-1.6 mils.

Thinning: THINNER 0808 may be used for spray application, however, with a certain risk of wrinkling of a preceding **fresh** HEMPALIN coat.

Recoating: Recoating intervals related to later conditions of exposure:  
(40 micron/1.6 mils dry film thickness of HEMPALIN UNDERCOAT 4246)

	Minimum		Maximum	
Surface Temperature	20°C/68°F		20°C/68°F	
Recoated with	Atmospheric		Atmospheric	
	Mild	Medium	Mild	Medium
HEMPALIN	5 hrs	8 hrs	none	7 days

If this maximum recoating interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion.

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

Note: **HEMPALIN UNDERCOAT 4246 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.

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