



HEMPALIN UNDERCOAT 42460

Description:	HEMPALIN UNDERCOAT 42460 is a fairly quick-drying alkyd paint.
Recommended use:	As a general purpose undercoating in alkyd paint systems on exterior and interior steelwork, wood, plaster, etc. in mildly to moderately corrosive environment.
Service temperature:	Maximum, dry exposure only: 120°C/248°F
Certificates/Approvals:	Approved as a low flame spread material. According to IMO resolution MSC 61 (67): Denmark, France, Singapore, Spain EC-type Examination Certificate: Denmark, France, Indonesia, Malaysia, Singapore, Spain Complies with EU Directive 2004/42/EC: subcategory i.
Availability:	Part of Group Assortment. Local availability subject to confirmation.
PHYSICAL CONSTANTS:	
Shade nos/Colours:	10000 / White.
Finish:	Flat
Volume solids, %:	53 ± 1
Theoretical spreading rate:	13.3 m ² /l [533.3 sq.ft./US gallon] - 40 micron/1.6 mils
Flash point:	38 °C [100.4 °F]
Specific gravity:	1.5 kg/litre [12.2 lbs/US gallon]
Dry to touch:	4 approx. hour(s) 20°C/68°F
VOC content:	382 g/l [3.2 lbs/US gallon]
	<i>The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.</i>
APPLICATION DETAILS:	
Application method:	Airless spray / Air spray / Brush
Thinner (max.vol.):	08230 (5%) / 08230 (15%) / 08230 (5%) see REMARKS overleaf.
Nozzle orifice:	0.015 - 0.018 "
Nozzle pressure:	150 bar [2175 psi] (Airless spray data are indicative and subject to adjustment)
Cleaning of tools:	HEMPEL'S THINNER 08230
Indicated film thickness, dry:	40 micron [1.6 mils]
Indicated film thickness, wet:	75 micron [3 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: According to specification.

APPLICATION CONDITIONS: 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: HEMPALIN PRIMER

SUBSEQUENT COAT: According to specification. Recommended systems are: HEMPALIN ENAMEL

REMARKS:

VOC - EU Directive 2004/42/EC:

Product		15 vol. % thinning	Limit phase II, 2010
4246010000	382 g/l	453 g/l	500 g/l

For VOC of other shades, please refer to Safety Data Sheet.

Film thicknesses/thinning:

THINNER 08080 may be used for a spray application, however, with a certain risk of wrinkling of a preceding **fresh** HEMPALIN coat.
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

Recoating note:

If the 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 with high pressure fresh water hosing and allow drying.

Recoating intervals:

Recoating intervals related to later conditions of exposure: 40 micron/1.6 mils dry film thickness of HEMPALIN UNDERCOAT 42460.

Nota:

HEMPALIN UNDERCOAT 42460 For professional use only.

ISSUED BY:

HEMPEL A/S

4246010000

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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