

# Product Data

## HEMPALIN UNDERCOAT 42460



<b>Description:</b>	HEMPALIN UNDERCOAT 42460 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 temperature:</b>	Maximum, dry exposure only: 120°C/248°F
<b>Certificates/Approvals:</b>	Approved as a low flame spread material when used as part of a predefined paint system. Please refer to "Declaration of Conformity" on <a href="http://www.Hempel.com">www.Hempel.com</a> for further details. Complies with EU Directive 2004/42/EC: subcategory i.
<b>Availability:</b>	Part of Group Assortment. Local availability subject to confirmation.
<b>PHYSICAL CONSTANTS:</b>	
Shade nos/Colours:	10000 / White.
Finish:	Flat
Volume solids, %:	53 ± 1
Theoretical spreading rate:	13.3 m <sup>2</sup> /l [533.3 sq.ft./US gallon] - 40 micron/1.6 mils
Flash point:	38 °C [100.4 °F]
Specific gravity:	1.4 kg/litre [12.1 lbs/US gallon]
Dry to touch:	4 approx. hour(s) 20°C/68°F
VOC content:	380 g/l [3.2 lbs/US gallon] <i>The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.</i>
<b>APPLICATION DETAILS:</b>	
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]
Overcoat interval, min:	According to specification.
Overcoat interval, max:	According to specification.
<b>Safety:</b>	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	As supplied	15 vol. % thinning	Limit phase II, 2010
4246010000	380 g/l	451 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 overcoating interval. Normal range dry is: 30-40 micron/1.2-1.6 mils

Overcoating note: If the maximum overcoating interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion. Before overcoating after exposure in contaminated environment, clean the surface thoroughly with high pressure fresh water hosing and allow drying.

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

Note: **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](http://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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