



HEMPALIN ENAMEL HI-BUILD 52220

Description: HEMPALIN ENAMEL HI-BUILD 52220 is an alkyd paint, which can be applied in high film thickness by airless spray.

Recommended use: As a finishing coat in HEMPALIN Systems on interior and exterior steel in mildly to moderately corrosive environment. As a finishing coat in engine rooms including tank tops, main engines and auxiliary machinery.

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, Spain, Singapore
EC-type Examination Certificate: Denmark, France, Spain, Singapore, Malaysia, Indonesia
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: Glossy
Volume solids, %: 47 ± 1
Theoretical spreading rate: 7.8 m²/l [312.8 sq.ft./US gallon] - 60 micron/2.4 mils
Flash point: 38 °C [100.4 °F]
Specific gravity: 1.1 kg/litre [9.3 lbs/US gallon]
Surface dry: 2.5 approx. hour(s) 20°C/68°F
Dry to touch: 6 - 8 hour(s) 20°C/68°F
VOC content: 433 g/l [3.6 lbs/US gallon]

The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.

APPLICATION DETAILS:

Application method: Airless spray / Brush
Thinner (max.vol.): 08230 (5%) / 08230 (5%)
Nozzle orifice: 0.021 - 0.023 "
Nozzle pressure: 200 bar [2900 psi]
(Airless spray data are indicative and subject to adjustment)
Cleaning of tools: HEMPEL'S THINNER 08080
Indicated film thickness, dry: 60 micron [2.4 mils] see REMARKS overleaf.
Indicated film thickness, wet: 125 micron [5 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: **New steel:** Remove oil and grease etc. thoroughly with suitable detergent. Remove salts and other contaminants by high pressure fresh water cleaning. Power tool cleaning to St 3 or abrasive blasting to Sa 2 (ISO 8501-1:1988). Prime with: HEMPALIN
Repair and maintenance: Remove oil and grease etc. thoroughly with suitable detergent. Remove salts 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. Prime with: HEMPALIN. Touch up bare spots with: the product

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 HI-BUILD 13200

SUBSEQUENT COAT: None.

REMARKS:

VOC - EU Directive 2004/42/EC:

Product		5 vol. % thinning	Limit phase II, 2010
5222010000	433 g/l	454 g/l	500 g/l

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

Recoating note: Recoating intervals related to later conditions of exposure: 60 micron/2.4 mils of dry film thickness of HEMPALIN ENAMEL HI-BUILD 52220

Recoating intervals: 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.
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.
Do not expose liquid paint to temperature above: 40°C/104°F.

Nota: **HEMPALIN ENAMEL HI-BUILD 52220 For professional use only.**

ISSUED BY: HEMPEL A/S 5222010000

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.
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.