
Description:	HEMPATEX ALUMINIUM 16300 is a chlorinated rubber coating with aluminium flake pigment. Physically drying. Not suited in contact with animal and vegetable oils, or solvents, alkaline or acidic solutions. Harmless to grain cargo.
Recommended use:	1. As a primer in HEMPATEX systems on steelwork in moderately to severely corrosive environment, including submerged surfaces. 2. As a sealer and/or tie coat for antifouling paints.
Service temperature:	Maximum, dry exposure only: 80°C/176°F see REMARKS overleaf
Availability:	Not included in Group Assortment. Availability subject to special agreement.
PHYSICAL CONSTANTS:	
Shade nos/Colours:	19880*/ Dark-Alu.
Finish:	Flat
Volume solids, %:	35 ± 1
Theoretical spreading rate:	8.8 m ² /l [352.9 sq.ft./US gallon] - 40 micron/1.6 mils
Flash point:	30 °C [86 °F]
Specific gravity:	1.2 kg/litre [10.2 lbs/US gallon]
Dry to touch:	4 approx. hour(s) 20°C/68°F
VOC content:	571 g/l [4.7 lbs/US gallon] <i>*other shades according to assortment list.</i>
	<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.):	08080 (5%) / 08080 (15%) / 08080 (5%)
Nozzle orifice:	0.023 "
Nozzle pressure:	150 bar [2175 psi] (Airless spray data are indicative and subject to adjustment)
Cleaning of tools:	HEMPEL'S THINNER 08080
Indicated film thickness, dry:	40 micron [1.6 mils] see REMARKS overleaf
Indicated film thickness, wet:	125 micron [5 mils]
Overcoat interval, min:	According to specification.
Overcoat 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.

SURFACE PREPARATION:	New steel: Abrasive blasting to Sa 2½ (ISO 8501-1:2007). For temporary protection, if required, use a suitable shopprimer. All damage of shopprimer and contamination from storage and fabrication should be thoroughly cleaned prior to final painting. All damage of shopprimer and contamination from storage and fabrication should be thoroughly cleaned prior to final painting. For repair and touch-up use: HEMPATEX ALUMINIUM 16300. 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. Touch up bare spots to full film thickness.
APPLICATION CONDITIONS:	Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. It can be applied at low temperatures, but the drying time will be increased. At the freezing point and below be aware of the risk of ice on the surface, which will hinder adhesion. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT:	None, or as per specification.
SUBSEQUENT COAT:	None, or as per specification. Ship bottoms: Antifouling according to specification.
REMARKS:	
Certificates/Approvals:	On certain areas of tankers such as maindeckers, the use of aluminium containing coating is restricted by classification societies.
Weathering/service temperatures:	Prolonged direct contact at temperatures above approx. 40°C/104°F may cause film indentation. When temperature drops below, mechanical strength is recovered.
Film thicknesses/thinning:	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: 40-50 micron/1.6-2 mils
Overcoating note:	(see relevant painting specification) Before overcoating after exposure in contaminated environment, clean the surface thoroughly with high pressure fresh water hosing and allow drying.
Note:	HEMPATEX ALUMINIUM 16300 For professional use only.
ISSUED BY:	HEMPEL A/S

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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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