

# HEMPATEX\* ALUMINIUM 1630<sub>0</sub>

**Description:** HEMPATEX ALUMINIUM 1630 is a chlorinated rubber coating with aluminium flake pigment. Physically drying. For service temperature range, see REMARKS overleaf. Not suited in contact with animal and vegetable oils, or solvents. Harmless to grain cargo.

**Recommended use:**

1. As a primer in HEMPATEX systems on steelwork in moderately to severely corrosive environment, including submerged surfaces. Not suited in connection with impressed current cathodic protection.
2. As a sealer and/or tie coat for antifouling paints, also in connection with impressed current cathodic protection when the anticorrosive paint system is intact.

**Service temperatures:** maximum, dry: 80°C/176°F (*See REMARKS overleaf*).

**Approvals:** Approved as a low flame spread material by Japanese authorities. Tested for non-contamination of grain cargo at the Newcastle Occupational Health Agency, Great Britain.

**Availability:** Subject to confirmation.

## PHYSICAL CONSTANTS:

Colours/Shade nos.: Dark alu/19880 - Light alu/19910  
Finish: Flat  
Volume solids: 36%  
Theoretical spreading rate: 9.0 m<sup>2</sup>/litre - 40 micron  
361 sq.ft./US gallon - 1.6 mils  
Flash point: 30°C/86°F  
Specific gravity: 1.3 kg/litre - 10.8 lbs/US gallon  
Dry to touch: 4 (approx.) hours at 20°C/68°F  
V.O.C.: 567 g/litre - 4.7 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
Thinner (max. vol.):	0808 (5%)	0808 (15%)	0808 (5%)
Nozzle orifice:	.023"		
Nozzle pressure:	150 bar/2200 psi ( <i>Airless spray data are indicative and subject to adjustment</i> )		
Cleaning of tools:	THINNER 0808		
Indicated film thickness, dry:	40 micron/1.6 mils ( <i>See REMARKS overleaf</i> )		
Indicated film thickness, wet:	125 micron/5 mils		
Recoat interval, min:	When dry ( <i>See REMARKS overleaf</i> )		
Recoat interval, max:	None ( <i>See REMARKS overleaf</i> )		

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## 2. HEMPATEX ALUMINIUM 16300

SURFACE PREPARATION:	<p><b>New steel:</b> Abrasive blasting to Sa 2½. For temporary protection, if required, use a suitable shop-primer. Damage of the shopprimer and contamination from storage and fabrication should be thoroughly cleaned prior to final painting. For repair and touch-up use HEMPATEX ALUMINIUM 1630.</p> <p><b>Maintenance:</b> Remove oil and grease, etc. with suitable detergent. Remove salt and other contaminants by (high pressure) fresh water cleaning. Remove rust and loose material by abrasive blasting or power tool cleaning. Dust off residues. Touch up to full film thickness.</p>
APPLICATIONS CONDITIONS:	<p>The surface must be completely clean and dry at the time of application, and its temperature must be above the dew point to avoid condensation.</p> <p>Tolerates low temperature application which, however, will increase drying time. At the freezing point and below, be aware of the risk of ice on the surface, which will hinder the adhesion. In confined spaces provide adequate ventilation during application and drying.</p>
PRECEDING COAT:	None or according to specification.
SUBSEQUENT COAT:	None or HEMPATEX systems as per specification. Ship bottoms: Antifoulings according to specification.
REMARKS:	<p>As HEMPATEX ALUMINIUM 1630 is a thermoplastic product, prolonged mechanical exposure at temperatures above approx. 40°C/105°F may cause film indentation. When temperatures drop below 40°C/105°F, mechanical strength is recovered.</p> <p>On certain areas of tankers such as maindecks, the use of aluminium containing coatings is restricted by classification societies.</p>
Film thicknesses:	<p>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 40-50 micron/1.6-2 mils.</p> <p>For multicoat application in 40 micron/1.6 mils dry film thickness per coat, recommended minimum recoating interval for the first coat is 3 hours at 20°C/68°F - reference is made to the corresponding painting specification.</p> <p>Before recoating after exposure in contaminated environment, clean the surface thoroughly by (high pressure) fresh water hosing and allow to dry.</p>
Note:	<b>HEMPATEX ALUMINIUM 1630 is for professional use only.</b>
SAFETY:	<p>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.</p> <p>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.</p>

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.

Issued by HEMPEL'S MARINE PAINTS A/S.

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