

# HEMPANYL\* TAR 16280

**Description:** HEMPANYL TAR 1628 is based on a blend of high quality coal tar pitch and vinyl resin. Physically drying. Resistant to salt water. Limited resistance to aromatics including some types of gasoline. Being applicable at low temperatures it offers a suitable alternative to coal tar epoxy when temperature restrictions preclude the use of the latter.

**Recommended use:**

1. For protection of permanently submerged steel and of steel surfaces not exposed to sunlight, e.g. ship bottoms.
2. As sealer and/or tie coat for antifouling paints.  
For prolonged exposure before recoating, use alu-bronze shade 19820.

**Availability:** Subject to confirmation.

## PHYSICAL CONSTANTS:

Colours/Shade nos.:	Black/19990	Alu-bronze/19820
Finish:	Flat	Flat
Volume solids:	41%	40%
Theoretical spreading rate:	4.6 m <sup>2</sup> /litre - 90 micron 183 sq.ft./US gallon - 3.6 mils	4.4 m <sup>2</sup> /litre - 90 micron 178 sq.ft./US gallon - 3.6 mils
Flash point:	23°C/73°F	23°C/73°F
Specific gravity:	1.2 kg/litre - 10.0 lbs/US gallon	1.2 kg/litre - 10.0 lbs/US gallon
Dry to touch:	5 (approx.) hours at 20°C/68°F	5 (approx.) hours at 20°C/68°F
V.O.C.:	527 g/litre - 4.4 lbs/US gallon	536 g/litre - 4.5 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	Brush (touch-up)
Thinner (max. vol.):	0846 (5%)	0846 (5%)
Nozzle orifice:	.021"-.025"	
Nozzle pressure:	200 bar/2900 psi (Airless spray data are indicative and subject to adjustment)	
Cleaning of tools:	THINNER 0846	
Indicated film thickness, dry:	90 micron/3.6 mils (See REMARKS overleaf)	
Indicated film thickness, wet:	225 micron/9 mils	
Recoat interval, min:	7 hours (20°C/68°F)	
Recoat interval, max:	See REMARKS overleaf	

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SURFACE PREPARATION:	<p><b>New steel:</b> Abrasive blasting to Sa 2½. For temporary protection, if required, use a suitable shop-primer. The zinc shopprimer should be abrasive swept before recoating. Damage of the shopprimer and contamination from storage and fabrication should be thoroughly cleaned prior to final painting. For repair and touch-up use HEMPANYL TAR 1628.</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>
APPLICATION 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 as per specification depending on area of use.
REMARKS: 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 45-100 micron/1.8-4 mils.</p> <p>In the case of multi-coat application, drying time and minimum recoating interval will be influenced by the number of coats and by the thickness of each coat applied - reference is made to the corresponding painting specification.</p> <p>To ensure proper film formation, when applied at lower dry film thickness, for instance as a "sealer" in 45 micron, extra thinning, up to 10%, will be necessary.</p> <p>Procedures for cleaning and recoating of exposed HEMPANYL TAR 1628 are described in detailed, supplementary application instructions which must be consulted before recoating. To secure optimum performance these procedures should be strictly adhered to.</p> <p>Bleeding may occur into subsequent coat. The effect is only cosmetic and has no negative influence on neither the anticorrosive nor the antifouling properties of the system.</p> <p>Do not store at temperatures above 45°C/115°F.</p>
Note:	<b>HEMPANYL TAR 1628 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. 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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