



Product Data

HEMPANYL® TAR 1628

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 surfaces not exposed to sunlight, e.g. ships' bottoms, ballast tanks, inside hatch covers, etc.
2. As a sealer and/ or tie coat for antifouling paints.

Availability: Subject to confirmation.

PHYSICAL CONSTANTS:

Finish:	Flat		
Colours:	Black	Brown	
Shade Nos.:	1999	6073	
Volume solids:	41%	43%	
Theoretical spreading rate:	4.6	4.8	m ² / litre – 90 micron
Flash Point:	186	195	sq.ft./ US gallon – 3.6 mils
Specific gravity:	23/73	23/73	°C/ °F Abel-Pensky, closed cup
	1.2	1.3	kg/ litre
	10.0	10.8	lbs/ US gallon
Dry touch:	5 (approx)	5 (approx)	hours at 20°C/ 68°F
Shelf life:	1	1	year at 20°C/ 68°F

NOTES:

The physical constants stated are nominal data according to the HEMPEL Group's approved formulas. They are subject to normal manufacturing tolerances and where stated, being standard deviation according to ISO 3534-1.

For surface preparation, application conditions and coating system see overleaf.

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	wet: 225 micron/ 9 mils	
Film thickness:	dry: 90 micron/ 3.6 mils	(See REMARKS overleaf)
Recoat interval:	min: 7 hours (20°C/ 68°F)	
	Max: See REMARKS overleaf	

Safety: Packings are provided with applicable safety labels which should be observed. In addition, national or local regulations should be followed. As a general rule, inhalation of solvent vapours or paint mist, and contact of liquid paint with skin and eyes, should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided respiratory, skin, and eye protection are always recommended when spraying paint.



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APPLICATION CONDITIONS:

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.
Tolerates low temperature application which, however, will increase drying time. At the freezing point and below, be aware of risk of ice on the surface, which will hinder the adhesion. In confined spaces provide adequate ventilation during application and drying.

PRECEDING COAT:

None, or according to specification.

SUBSEQUENT COAT:

None, or as per specification depending on area of use.

REMARKS:

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 recoat interval.

In case of multi-coat application, drying time and minimum recoat 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.

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.

Procedures for cleaning and recoating of exposed HEMPANYL TAR 1628 are described in detailed, supplementary APPLICATIONS INSTRUCTIONS which must be consulted before over coating.

To secure optimum performance these procedures should be strictly adhered to.

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.

Approved by Lloyd's Register of Shipping as a corrosion control coating in association with reduced scantlings in ballast water tanks.

Do not store at temperatures above 45°C/ 115°F.

Note:

HEMPANYL TAR 1628 is for professional use only.

This Product Data Sheet supersedes those previously issued.

For explanations, definitions and scope, see “Explanatory Notes” in the HEMPEL Book.

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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Product data are subject to change without notice and become void five years from the date of issue.