

# HEMPINOL\* 1039<sub>0</sub>

<b>Description:</b>	HEMPINOL 1039 is a reinforced, physically drying, bituminous coating. It is flexible, water-resistant, and rust-preventing.
<b>Recommended use:</b>	As a maintenance coating in potable water tanks coated with bituminous coatings.
<b>Certificates:</b>	Certificates for contact with potable water available.
<b>Availability:</b>	Subject to confirmation.

## PHYSICAL CONSTANTS:

Colours/Shade nos.:	Black/19990
Finish:	Semi-gloss
Volume solids:	54%
Theoretical spreading rate:	4.3 m <sup>2</sup> /litre - 125 micron 173 sq.ft./US gallon - 5 mils
Flash point:	38°C/100°F
Specific gravity:	1.1 kg/litre - 9.1 lbs/US gallon
Dry to touch:	16 (approx.) hours at 20°C/68°F
V.O.C.:	390 g/litre - 3.2 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
Thinner (max.vol.):	0808 (5%)	0808 (5%)
Nozzle orifice:	.021"-.025"	
Nozzle pressure:	200 bar/2800 psi (Airless spray data are indicative and subject to adjustment)	
Cleaning of tools:	THINNER 0808	
Indicated film thickness, dry:	125 micron/5 mils	
Indicated film thickness, wet:	225 micron/9 mils	
Recoat interval, min:	When dry (See REMARKS overleaf)	
Recoat interval, max:	None	

## 2. HEMPINOL 10390

**SURFACE PREPARATION:** **Maintenance:** Remove oil and grease etc. with suitable detergent. Remove salt 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 to full film thickness.

**APPLICATION CONDITIONS:** As dictated by normal good painting practice.  
In confined spaces provide adequate ventilation during application and drying.

**PRECEDING COAT:** None or according to specification.

**SUBSEQUENT COAT:** None or according to specification.

**REMARKS:** To avoid later problems with unpleasant taste of water it is of the utmost importance that the paint film is thoroughly dried as to remove all solvents (mineral spirit) before the tank is taken into use. As heavy layers of paint applied, for instance pools laying in corners and similar places, are extremely difficult to get dried properly such defects must be avoided. If observed, such areas must be repaired by scraping followed by touch up to proper film thickness.

**Stripe coating:** It is recommended to apply at least two layers by brush on free edges, rough welds, reverse sides and similar places difficult to cover by airless spray.

**Recoating intervals:**

<b>Steel temperatures</b>	<b>Minimum time required</b>
0°C/32°F	48 hours
10°C/50°F	30 hours
20°C/68°F	16 hours
30°C/86°F	10 hours

These (minimum) intervals are only valid provided that

- HEMPINOL 1039 is applied in the specified dry film thickness of 125 micron. If higher thicknesses have been used substantially longer, drying time may be the result.
- Sufficient ventilation has been put into force (see below). Especially, it must be emphasized that all painted compartments of the tank are ventilated, not only just near to the openings.

### **Before taking the tank into use:**

- All painted surfaces must be completely dry. A thorough inspection is required to verify this. If not dry, drying and ventilation must continue. Warm, (dehumidified) air may be necessary to support the drying.
- The tank must be cleaned properly. This will be subject to local/individual specification or regulation. Typically such one will call for a filling with water, allowed to stand for at least 24 hours. Drain and repeat procedure and finally flush with fresh water. If a hosing down with hot fresh water is performed, this should not be above 35-40°C in temperature.

**Note:** **HEMPINOL 1039 is for professional use only.**

**SAFETY:** 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.

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.