

# HEMPAQUICK\* PRIMER 13624

<b>Description:</b>	HEMPAQUICK PRIMER 1362 is a quick-drying zinc phosphate pigmented alkyd primer .
<b>Recommended use:</b>	As a rust preventing primer on steel, machinery parts, etc. where quick drying is needed, both as a workshop primer for temporary protection and as a general purpose primer in alkyd based systems for protection of steel in mild to medium corrosive environments.
<b>Service temperatures:</b>	Maximum, dry: 120°C/248°F.
<b>Approvals, certificates:</b>	Approved as a low flame spread material by Nippon Kaiji Kyokai, Japan. Tested for non-contamination of grain cargo by Newcastle Occupational Health Agency, Great Britain.
<b>Availability:</b>	Subject to confirmation.

## PHYSICAL CONSTANTS:

Colours/Shade Nos:	Grey/12170 - Red/50710
Finish:	Flat
Volume solids:	47%
Theoretical spreading rate:	5.9 m <sup>2</sup> /liter - 80 micron 236 sq.ft./US gallon - 3.2 mils
Flash point:	31°C/88°F
Specific gravity:	1.4 kg/litre - 11.7 lbs/US gallon
Surface dry:	½ (approx.) hr at 20°C/68°F (ISO 1517)
Dry to touch:	1 (approx.) hour at 20°C/68°F
V.O.C.:	470 g/litre - 3.9 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 (10%)	0808 (15%)	0808 (5%)
Nozzle orifice:	.021"-.023"		
Nozzle pressure:	150 bar/2175 psi (Airless spray are indicative and subject to adjustment)		
Cleaning of tools:	THINNER 0808		
Indicated film thickness, dry:	80 micron/3.2 mils		
Indicated film thickness, wet:	175 micron/7 mils		
Recoat interval, min:	See REMARKS overleaf		
Recoat interval, max:	See REMARKS overleaf		

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SURFACE PREPARATION:	<p><b>New Steel:</b> Remove oil and grease etc. with suitable detergent. Remove salt and other contaminants by (high pressure) fresh water cleaning. Abrasive blasting to minimum Sa 2, SSPC-SP6, alternatively power tool cleaning to St 3, SSPC-SP3, depending on the corrosion impact.</p> <p><b>On machinery:</b> May be applied directly on steel and iron after degreasing and mechanical cleaning.</p> <p><b>Repair of damaged areas:</b> 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 followed by fresh water cleaning. Touch up to full film thickness.</p>
APPLICATION CONDITIONS:	<p>Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation.</p> <p>In confined spaces provide adequate ventilation during application and drying.</p>
SUBSEQUENT COAT:	HEMPALIN and similar alkyd systems or according to specification.
REMARKS:	
Film thicknesses:	May be specified in another film thickness than indicated depending on purpose and area of use. This will alter the spreading rate and may influence the amount of thinning necessary, drying time and recoating interval. Normal range is 40-80 micron/1.6-3.2 mils.
Recoating:	Recoating intervals related to later conditions of exposure: (80 micron/3.2 mils dry film thickness of HEMPAQUICK PRIMER 1362)

	Minimum		Maximum	
Surface temperature	20°C/68°F		20°C/68°F	
	Atmospheric		Atmospheric	
Recoated with	Mild	Medium	Mild	Medium
HEMPALIN*	15 minutes	30 minutes	None	3 days
HEMPALIN**	15 minutes	30 minutes	None	None

\* Dissolved in white spirit only.

\*\* Dissolved in xylene only.

Notes: Before recoating after exposure to contaminated environment, the surface should be thoroughly cleaned by high pressure fresh water hosing and allow to dry.

**HEMPAQUICK PRIMER 1362 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.

Issued by HEMPEL'S MARINE PAINTS A/S.

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