

HEMPALIN* RED LEAD 1237₀

Description:	HEMPALIN RED LEAD 1237 is a long-oil alkyd-based primer with red lead pigments.
Recommended use:	As a new-construction and maintenance primer in HEMPALIN system on interior and exterior steel in mildly to moderately corrosive environment. Not suited for immersion.
Service temperatures:	Maximum, dry: 100°C/212°F.
Approvals:	Approved by Nippon Kaiji Kyokai, Tokyo as a low flame spread material.
Availability:	Subject to confirmation.

PHYSICAL CONSTANTS:

Colours/Shade nos.:	Light red/50246
Finish:	Semi-flat
Volume solids:	50%
Theoretical spreading rate:	12.5 m ² /litre - 40 micron 501 sq.ft./US gallon - 1.6 mils
Flash point:	38°C/100°F
Specific gravity:	1.5 kg/litre - 12.5 lbs/US gallon
Dry to touch:	5-7 hours at 20°C/68°F
V.O.C.:	400 g/litre - 3.3 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/Roller
Thinner (max.vol.):	0808 (5%)	0808 (15%)	0823 (5%)
Nozzle orifice:	.018"		
Nozzle pressure:	150 bar/2200 psi (Airless spray data are indicative and subject to adjustment)		
Cleaning of tools:	THINNER 0808 or 0823		
Indicated film thickness, dry:	40 micron/1.6 mils		
Indicated film thickness, wet:	75 micron/3 mils		
Recoat interval, min:	See REMARKS overleaf		
Recoat interval, max:	See REMARKS overleaf		

2. HEMPALIN RED LEAD 12370

SURFACE PREPARATION: **New steel:** Abrasive blasting to minimum Sa 2, alternatively power tool cleaning to St 3.
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.
Note: When scraping and wire-brushing on old RED LEAD, precautions must be taken against lead poisoning (filter mask).

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

SUBSEQUENT COAT: HEMPALIN System 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 spreading rate and may influence drying time and recoating interval. Normal range dry is 30-50 micron/1.2-2 mils.

Recoating: Recoating intervals related to later conditions of exposure:
(40 micron/1.6 mils dry film thickness of HEMPALIN RED LEAD 1237)

	Minimum		Maximum	
Steel Temperature	20°C/68°F		20°C/68°F	
Recoated with (Quality Numbers only)	Atmospheric		Atmospheric	
	Mild	Medium	Mild	Medium
HEMPALIN, except 5324	24 hrs	24 hrs	none	5 days
5324	7 days	7 days	none	10 days

Before recoating after exposure in contaminated environment, clean surface thoroughly with (high pressure) fresh water and allow to dry.
If the maximum recoating interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion.

Note: **HEMPALIN RED LEAD 1237 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.

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