

HEMPADUR* MULTI-MIL* 35430

CURING AGENT 95430

Description:	HEMPADUR MULTI-MIL 3543 is a high-build, high solids, two-component, epoxy paint. It cures to a hard and tough coat which is resistant to abrasion, water and mineral oils. Limited resistance to gasolines, solvents and vegetable/animal oils.
Recommended use:	For spot-repair in cargo tanks and ballast tanks including pitted areas.
Service temperatures:	Dry: In water (no temperature gradient): Maximum: 140°C/284°F 35°C/95°F
Availability:	Subject to confirmation.

PHYSICAL CONSTANTS:

Colours/Shade Nos.:	Light red/50900
Finish:	Semi-flat
Volume solids:	92%
Theoretical spreading rate:	Not relevant
Flash point:	45°C/113°F
Specific gravity:	1.5 kg/litre - 12.5 lbs/US gallon
Dry to touch:	8-10 hours at 20°C/68°F
Fully cured:	7 days at 20°C/68°F
V.O.C.:	86 g/litre - 0.7 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:

Mixing ratio for 35430:	Base 35439 : Curing agent 95430 1.2 : 1.0 by volume
Application method:	Brush
Thinner (max. vol):	Do not dilute
Pot life:	2 hours (20°C/68°F)
Cleaning of tools:	HEMPEL'S TOOL CLEANER 9961 or THINNER 0845
Indicated film thickness, dry:	250 micron/10 mils (<i>See REMARKS overleaf</i>)
Indicated film thickness, wet:	275 micron/11 mils
Recoat interval, min:	10 hours (20°C/68°F)
Recoat interval, max:	3 days (20°C/68°F) (<i>See REMARKS overleaf</i>)

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2. HEMPADUR MULTI-MIL 35430

SURFACE PREPARATION:	Remove oil and grease with HEMPEL'S NAVI WASH 9933. Abrasive blasting, power tool cleaning, or sanding, depending on material and condition of surface. Pitted steel should be abrasive blast cleaned and/or ground with high speed burrs. Round off sharp edges. Finally clean the area with HEMPEL'S THINNER 0845. Consult separate APPLICATION INSTRUCTIONS, or relevant CARGO BARRIER PAINTING SPECIFICATION.
APPLICATION CONDITIONS:	Use only where application and curing can proceed at temperatures above 5°C/40°F. Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT:	None.
SUBSEQUENT COAT:	None, or as per specification depending on area of use.
REMARKS:	Apply one or two coats depending on the conditions. Deep pittings may require an extra coat. Very deep pittings may counteract solvent evaporation and call for a solventfree product. If the maximum recoating interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion. Repair work should include recoating of a part of the surrounding, intact, original paint, which must be cleaned and roughened prior to application. Do not expose liquid paint to temperatures above 40°C/104°F neither during storage nor in connection with application.
Note:	HEMPADUR MULTI-MIL 3543 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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Issued by HEMPEL'S MARINE PAINTS A/S.

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