

HEMPADUR* VARNISH 05150

CURING AGENT 95030

Description:	HEMPADUR VARNISH 0515 is a solvent-free low molecular weight amine-cured epoxy varnish. It is a low viscous product with good penetration properties. Good wearing qualities and easy to clean.
Recommended use:	Treatment of wooden floors in containers to be in contact with dry foodstuffs.
Service temperatures:	Related to substrate. HEMPADUR VARNISH 0515 itself resists a dry service temperature of maximum 140°C/284°F. Will anyhow yellow/darken in the case of such temperatures.
Certificates:	Complies with Section 175.300 of Food Additive Regulations (in respect of carriage of dry foodstuffs) of the Code of U.S. Federal Regulations.
Availability:	Subject to confirmation.

PHYSICAL CONSTANTS:

Colours/Shade nos.:	Transparent/00000
Finish:	High gloss
Volume solids:	100%
Theoretical spreading rate:	5.0 m ² /litre - 200 micron 201 sq.ft./US gallon - 8 mils
Flash point:	>110°C/>230°F
Specific gravity:	1.1 kg/litre - 9.2 lbs/US gallon
Surface dry:	16 (approx) hours at 20°C/68°F (ISO 1517)
Dry to touch:	24 (approx) hours at 20°C/68°F
Fully cured:	7 days at 20°C/68°F
V.O.C.:	0 g/litre - 0 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 05150:	Base 05159 : Curing agent 95030 7 : 3 by volume
Application method:	Brush, roller (<i>See APPLICATION CONDITIONS</i>)
Thinner (max.vol.):	<i>See REMARKS overleaf</i>
Pot life:	1 hour (20°C/68°F)
Cleaning of tools:	HEMPEL'S TOOL CLEANER 9961
Indicated film thickness, dry:	200 micron/8 mils
Indicated film thickness, wet:	200 micron/8 mils
Recoat interval:	<i>See REMARKS overleaf</i>

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SURFACE PREPARATION:	<p>The surfaces to be treated must be clean and dry and free from grease and oil. Remove loose material.</p> <p>New wood: If necessary the surface should be sanded. Carefully remove the dust.</p> <p>Previously varnished wood: If the type of old varnish is unknown, but hard and intact it might be possible to apply HEMPADUR VARNISH 0515 on top. It is recommended first to apply HEMPADUR VARNISH 0515 on a small area. If required, cleaning is done with a suitable detergent followed by a very careful removal of all remnants of detergent, dirt etc. Usually the surface will furthermore need sanding, followed by a careful removal of dust.</p>
APPLICATION CONDITIONS:	<p>Surface saturation: It is recommended to saturate absorbent surfaces with a layer of HEMPADUR VARNISH 0515 diluted 20-30% with THINNER 0857. May be topcoated after min. approx. 6 hours (20°C/68°F).</p> <p>Application method: When treating floors, the mixture may be poured out on the surface and then levelled with a roller made of hard rubber or with a broad rubber scraper.</p> <p>Conditions: Use only where application and curing can proceed at temperatures above 10°C/50°F. Moisture content of the wood should be below 16%.</p>
SUBSEQUENT COAT:	Usually none.
REMARKS:	
Recoating:	If two coats have to be applied then apply the second coat within 3 days at 20°C/68°F. Avoid contamination between layers.
Notes:	Exposure to sunshine will cause yellowing.
	HEMPADUR VARNISH 0515 is for professional use only.
SAFETY:	<p>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.</p>

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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.

*This is a corporate trademark of the Hempel Group.

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