

HEMPADUR* 4719₀

CURING AGENT 95570

Description:	HEMPADUR 4719 is a two-component, modified epoxy especially suited for recoating with tin-free, selfpolishing antifoulings.
Recommended use:	For exterior hull. In HEMPADUR systems as a tie/sealer coat before application of tin-free antifouling NAUTIC/COMBIC.
Availability:	Subject to confirmation.

PHYSICAL CONSTANTS:

Colours/Shade nos:	Black/19990
Finish:	Flat
Volume solids:	43%
Theoretical spreading rate:	8.6 m ² /litre - 50 micron 345 sq.ft./US gallon - 2 mils
Flash point:	21°C/70°F
Specific gravity:	1.2 kg/litre - 10.0 lbs/US gallon
Dry to touch:	5 (approx.) hours at 20°C/68°F
Fully cured:	7 days at 20°C/68°F
V.O.C.:	507 g/litre - 4.2 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:

Mixing ratio for 47190:	Base 47199 : Curing agent 95570 5 : 1 by volume
Application method:	Airless spray Brush (touch up)
Thinner (max.vol.):	0846 (5%) 0846 (5%)
Pot life:	2 hours (20°C/68°F)
Nozzle orifice:	.023"
Nozzle pressure:	200 bar/2900 psi <i>(Airless spray data are indicative and subejct to adjustment)</i>
Cleaning of tools:	HEMPEL'S TOOL CLEANER 9961
Indicated film thickness, dry:	50 micron/2 mils
Indicated film thickness, wet:	125 micron/5 mils
Recoat interval, min:	8 hours (20°C/68°F)
Recoat interval, max:	NAUTIC/COMBIC: 6 days (20°C/68°F) <i>(See REMARKS overleaf)</i>

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APPLICATION CONDITIONS:	Recommended minimum application and curing temperatures are 10°C/50°F. The temperature of the paint itself should be above 10°C/50°F. The best results are obtained at 15-20°C/60-68°F. Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. In confined spaces such as sea chest or stagnant air under large flat bottoms provide adequate ventilation during application and drying.
PRECEDING COAT:	HEMPADUR 1513, HEMPADUR 4514, HEMPADUR 1708, HEMPADUR MULTI-STRENGTH or according to specification.
SUBSEQUENT COAT:	Antifouling as per 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 recoat interval.
Overcoatability:	HEMPADUR 4719 is suited for recoating with NAUTIC/COMBIC tin-free only . Avoid overlappings with primers at touch-ups along section welds etc. Cover by tape to secure a narrow transition zone along bare areas to be primed later on.
Recoating intervals:	If the maximum recoat interval is exceeded, roughening/special cleaning of the surface is usually necessary to ensure intercoat adhesion - contact nearest HEMPEL office for further information.
Note:	HEMPADUR 4719 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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Product data are subject to change without notice and become void five years from the date of issue.

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