

HEMPATONE* 58280

Description:	HEMPATONE 5828 is a flat vinyl acetate copolymer based emulsion paint.
Recommended use:	As a decorative finish on interior walls. May be used exterior in mild climates.
Service temperatures:	Maximum, dry: 60°C/140°F, however, may give off smell at these temperatures.
Availability:	Subject to confirmation.

PHYSICAL CONSTANTS:

Colours/Shade nos:	White/10000 (<i>Other shades according to assortment list</i>)
Finish:	Flat
Volume solids:	39%
Theoretical spreading rate:	13.0 m ² /litre - 30 micron 521 sq.ft./US gallon - 1.2 mil
Flash point:	> 66°C/151°F
Specific gravity:	1.4 kg/liter - 11.7 lbs/US gallon
Dry to touch:	1 (approx.) hour at 20°C/68°F
V.O.C.:	54 g/litre - 0.4 lbs/US gallon 132 g/litre - 1.1 lbs/US gallon (<i>ASTM D 3960</i>)

*The physical constants are subject to normal manufacturing tolerances.
Further reference is made to "Explanatory Notes" in the Hempe Book.*

APPLICATION DETAILS:

Application method:	Airless spray	Brush
Thinner (max.vol.):	Water (5%)	Water (5%) (<i>See REMARKS overleaf</i>)
Nozzle orifice:	.018"-.023"	
Nozzle pressure:	100 bar/1450 psi (<i>Airless spray data are indicative and subject to adjustment</i>)	
Cleaning of tools:	Fresh water (<i>See REMARKS overleaf</i>)	
Indicated film thickness, dry:	30 micron/1.2 mil	
Indicated film thickness, wet:	75 micron/3 mils	
Recoat interval, min:	1 hour (20°C/68°F)	
Recoat interval, max:	None	

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SURFACE PREPARATION:	<p>New plaster and concrete: Remove oil and grease with suitable detergent. Remove salts and other contaminants by (high pressure) fresh water cleaning. Dust-off loose material. Apply two coats of HEMPATONE 5828, first coat diluted 10-20% with fresh water.</p> <p>Asbestos cement and old, weathered concrete, distempered walls and whitewashed surfaces: Brush off loose material with a stiff brush. Saturate the surface with a suitable sealer. When dry apply two coats of HEMPATONE 5828.</p> <p>New wood (pine, fir, etc) and fibre board, interior: Patch knots with shellac. Treat with anti-mould agent, if necessary. Apply two coats of HEMPATONE 5828, the first coat diluted with 10-20% fresh water, second coat undiluted.</p> <p>Steel fittings, etc.: One or two coats of HEMPALIN PRIMER 1205 or HEMUCRYL PRIMER 1810.</p> <p>Previous painted surfaces: Wash down with ammonia water solution. Apply one or two coats of HEMPATONE 5828. Old coats should be sound and tightly adhering.</p>
APPLICATION CONDITIONS:	As dictated by normal good painting practice. Do not apply below 5°C/41°F.
SUBSEQUENT COAT:	None.
REMARKS:	
Colours:	Certain lead-free red and yellow colours may discolour when exposed to sulphide and chlorine-containing atmosphere.
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. Normal range dry is 30-40 micron/1.2-1.6 mils.
Application:	Apply liberally by brush/roller. Use brushes with synthetic fibres. Rollers should either be mohair or felt.
Ventilation:	Under humid conditions ample ventilation with dry air (40-60% RH) is required to remove water vapours in the drying phase. It is important that sufficient ventilation is covering all parts of the surfaces painted. Ventilation requirement to remove the water vapour liberated during application and drying is: - At 10°C/50°F: Approximately 150 m3/litre (20.000 cuft/US gallon) of paint - At 20°C/68°F: Approximately 75 m3/litre (10.000 cuft/US gallon) of paint on the condition that the relative humidity of the air supply is 40%.
Recoating:	No maximum recoat interval, but after prolonged exposure to polluted atmosphere remove accumulated contamination by high pressure fresh water cleaning and allow to dry.
Shelf life/storage:	Store at temperatures between 5°C-40°C/41°F-104°F. Shelf life is reduced at temperatures above 30°C/85°F. Do not expose to frost during storage and transport, or before the coating is dry.
Notes:	Clean tools carefully with fresh water or lukewarm soap water immediately after use. Dried remains of paint can be removed with HEMPEL'S NAVI WASH 9933, undiluted, or preferably with HEMPEL'S TOOL CLEANER 9961.
	HEMPATONE 5828 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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