

HEMUCRYL* CONCRETE SEALER 28820

Description: HEMUCRYL CONCRETE SEALER 2882 is a water-borne alkali-resistant sealer, based on a micro-disperse acrylic resin. It exhibits good penetration properties on porous substrates.

Recommended use: As a sealer for water-borne paint systems on interior and exterior porous substrates such as concrete, light-weight concrete and plaster. Improves adhesion of subsequent coats.

Availability: Subject to confirmation.

PHYSICAL CONSTANTS:

Colours/Shade nos:	Transparent, blue/03820
Volume solids:	15%
Theoretical spreading rate:	Not relevant (<i>see REMARKS overleaf</i>)
Flash point:	Non-flammable
Specific gravity:	1.0 kg/litre 8.3 lbs/US gallon
Dry to touch:	30 minutes at 20°C/68°F
V.O.C.:	18 g/litre - 0 lbs/US gallon 107 g/litre - 1 lbs/US gallon (<i>ASTM D 3960</i>)
Shelf life:	1 Year (<i>20°C/68°F</i>)

*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
Thinner (max. vol.)	fresh water (5%)	fresh water (5%)	fresh water (5%)
Nozzle orifice:	.015" - .019"		
Nozzle pressure:	75 bar/1100 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:	Not relevant		
Indicated film thickness, wet:	Not relevant		
Recoat interval, min:	1 hour (<i>20°C/68°F</i>) (<i>see REMARKS overleaf</i>)		
Recoat interval, max:	None		

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SURFACE PREPARATION:	<p>Oil, grease and other contaminants must be removed by eg abrasive blasting, volatilizing by flame cleaning or treatment with HEMPEL'S NAVI WASH 9933 in the following way:</p> <ol style="list-style-type: none">1) Saturation of the surface with fresh water,2) Washing with HEMPEL'S NAVI WASH 9933 or HEMPEL'S LIGHT CLEAN 9935 followed by fresh water hosing. <p>Remove dust and loose material e.g. by stiff brushes or by abrasive blasting, high pressure jetting or flame cleaning depending on circumstances. Three last mentioned methods are also able to remove scum layer if necessary.</p> <p>The surface should be solid and hard after surface preparation.</p>
APPLICATION CONDITIONS:	<p>The concrete must be fully cured, eg 28 days for normal Portland cement. Use only where application and drying can proceed at temperatures above approx 10°C/50°F. Apply only on a dry surface free of dust, loose matter, grease, oil and other contamination. Provide adequate ventilation during application and drying. (See REMARKS below)</p>
SUBSEQUENT COAT:	<p>According to specification.</p>
REMARKS:	
Service temperatures:	<p>Related to substrate and subsequent coat. HEMPEL'S CONCRETE SEALER 2882 itself resists a dry service temperature of max. 100°C/212°F and a dry peak temperature of max. 125°C/248°F.</p>
Filmthickness/ consumption:	<p>HEMUCRYL CONCRETE SEALER 2882 is used for saturation of the absorbent concrete surface. For practical purposes a spreading rate of approx. 4-8 m²/l (160-320 sq.ft./US gallon) is indicated depending on surface roughness, porosity of the concrete and application method.</p>
Appearance:	<p>A glossy surface must not appear, therefore avoid too heavy application. Depending on circumstances any surplus (glossy surface) will have to be removed by sandpapering.</p>
Ventilation:	<p>Under humid conditions ample ventilation with dry air (40-60% RH) is required to remove water vapours in the drying phase.</p> <p>It is of utmost importance that sufficient ventilation is covering all parts of the surfaces painted.</p> <p>Ventilation requirement to remove the water vapour liberated during application and drying is:</p> <ul style="list-style-type: none">- At 10°C/50°F: Approx. 150 m³/litre (20.000 cuft/US gallon) of paint- At 20°C/68°F: Approx. 75 m³/litre (10.000 cuft/US gallon) of paint. <p>on the condition that the relative humidity of the input air is 50% and 100% of the output air.</p>
Exposure to low temperature shortly after application:	<p>If the painted items will be exposed to humidity/water at temperatures below 5-10°C after finishing the paint application it is of utmost importance for later good performance that the following rules are obeyed:</p> <ul style="list-style-type: none">- When recoated the minimum recoating interval is 24 hours at 20°C/68°F irrespective of the following coat- The (last applied) paint layer must dry for at least 24 hours at 20°C/68°F before exposure
Recoating:	<p>No maximum recoating interval, but after prolonged exposure to polluted atmosphere remove accumulated contamination by high pressure fresh water cleaning and allow to dry.</p>
Shelf life/storage:	<p>Store at temperatures between 5-40°C/41-104°F. The shelf life is reduced at temperatures above 30°C/86°F. Do not exposure to frost during storage and transport.</p>
Notes:	<p>Clean tools carefully with fresh water or lukewarm soap water immediately after use, Dried remains of paint can be removed with undiluted HEMPEL'S NAVI WASH 9933 or, preferably with HEMPEL'S TOOL CLEANER 9961.</p> <p>HEMUCRYL CONCRETE SEALER 2882 is for professional use only.</p>
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.

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