

Jan 23

Data Sheet

ENVIROSET 4115

Two Pack 100% Solids Epoxy Pool Coating

PRODUCT DESCRIPTION	<p>ENVIROSET 4115 is a two-pack pigmented, solvent free 100% solids epoxy with excellent surface hardness and adhesion. It exhibits high water resistance, chemical and oil resistance. It has been optimised for vertical application.</p>		
USES & BENEFITS	<ul style="list-style-type: none"> • Pool Coatings • Repaints/ maintenance • Concrete protection • Wear resistant coating 		
	<p><u>Benefits</u></p> <ol style="list-style-type: none"> 1. Can be used as an intermediate coat and also for a subsequent topcoat for high performance coating system 2. Exceptionally hard wearing 3. Slightly textured finish 	<p><u>Limitations</u></p> <ol style="list-style-type: none"> 1. Amine bloom may occur if humidity is above 80%. 2. Minimum surface temperature should be at least 5°F above dew point. 3. This product will chalk when continuously exposed to sunlight. 4. Curing is slower in cold weather. 	
PHYSICAL PROPERTIES	Vehicle Type	Epoxy	
	Hardener	Amine	
	Mixing Ratio	4:1(Part A : Part B) by Weight	
	Pot Life	Approx. 1 hour @77°F. Must be mixed thoroughly	
	Finish	Gloss, slightly textured	
	Theoretical Coverage	165 – 250 sq ft/US gal @ 6 – 10 mil DFT - WFT (4-6m ² per litre @160-250µmDFT (160-250µmWFT))	
	Volume Solids	100%	
	Recommended DFT	6 -10 mil /coat (160-250 µm/coat). Dependent on application	
	Usual No. of Coats	2-3 (dependent on substrate)	
	Primer Required	Dependent on substrate. Contact PnF technical team for specifications	
	Colour	Standard Range of Colours	
	Pigmentation	Titanium dioxide and other pigments	
	Product Weight	13 – 14 lbs per Us Gal (1.60 – 1.69 Kg/Litre), depending on pigmentation	

PaintnForget USA Operations

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PaintNForget Products are for professional and /or industrial use only. Keep container tightly closed. Keep out of reach of children. Not for internal consumption. All users must always read and follow warnings and instructions on the most current product label, Product Data Sheet and Safety Data Sheet which are available online at paintnforget.com. The user determines the suitability of the product(s), for intended use and assumes all risks. User's and /or buyer's sole remedy shall be limited to the purchase price or replacement of the product(s), exclusive of any labor costs or delivery costs. No other warranties expressed or implied shall apply including any warranty of merchantability or fitness for a particular purpose. PaintnForget and its associated businesses shall not be liable under any legal theory for special or consequential damages.

ENGINEERING DATA	Abrasion Resistance	Very good			
	Chemical Resistance	Contact us for specific recommendations. Resistant to a wide range of acids and alkalis, vegetable and mineral oils. Not resistant to strong oxidizing acids, phenols or amines			
	Dry Heat Resistance	Up to 248°F			
	Solvent Resistance	Excellent for many solvents			
	Durability	Excellent, but will chalk under UV exposure without damage to the integrity of the coating			
CURING DATA	Substrate Temp.(°C)	Touch Dry	Light foot traffic	Full Cure	Recoat Time min
	Standard Hardener 77 °F	6 Hrs	24 Hrs	6 Days	16 Hrs
	Note	Maximum recoat varies with the environmental conditions and the topcoat used			
Mixing	Power stir Pack A, then blend with Pack B to correct ratio. Power stir thoroughly for one to two minutes prior to use. Only mix required amount and use within the stated pot life.				
Application	5/8 th – 2 ins (10-25mm) Nap Roller.				
Thinning	If required, use Methylated Spirits or V122 Epoxy Thinners.				
Cleaning	Use V105 for clean-up.				
Concrete	New concrete should be allowed to cure for 28 days prior to coating. Surface must be sound, dry, free from all loose material, laitance, old coatings, dust and surface contaminants (e.g. oil, grease, chemicals, release/curing agents etc.). Smooth or contaminated surfaces must be mechanically treated by abrasive blasting or grinding to achieve a clean anchor pattern for best adhesion. Oily surfaces must be detergent cleaned and water blasted. In some instances, acid etch and water blasting may be adequate to form a 'key' for sufficient adhesion. We would recommend the concrete be primed with Enviroset 2100 prior to the application of the ENVIROSET 4115. Please note that moisture content in the concrete must be no greater than 4% prior to application of the E4115. Ensure there's no hydrostatic pressure present.				
Previously coated surfaces	If the previous coating is in good condition, prepare by sanding with #100 grit sandpaper. All surfaces should be free from oil, grease, loose paint and other contaminants.				
General	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with PnF recommended cleaner. Once units of paint have been mixed, they should not be resealed, and it is advised that after prolonged stoppages work recommences with freshly mixed units.				

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Clean Up	Clean all equipment after use with recommended cleaner. It is good work practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time (including delays).
Packing	Available in 5 Kg (11lb) kits. For other sizes, contact us.
Storage	12 months if stored in sealed containers away from heat and moisture above 50°F. Subject to re-inspection thereafter.

All applicable statutory regulations must be observed in the application of this product. Users must first read the Material Safety Data Sheet for ENVIROSET 4115. Users should familiarise themselves with all the safety aspects of the product prior to use. Please ensure the current Technical Data Sheet is consulted prior to specification or application of products. We will in many instances provide Area Specific Instruction Sheets which contain detailed instructions on how to achieve desired results for specific areas. If the surface intended to be painted differs from the specification, please consult the technical team of PaintnForget

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