

Mar 22

Data Sheet

PaintNForget V 790 Pool Coating System

PRODUCT DESCRIPTION	PAINTNFORGET V790 is a high-performance high solids two pack fluoropolymer resin base topcoat that can cure at room temperature. This gives excellent UV resistance and weathering performance. It has good application properties and chemical resistance and resistance to dirt, algae and staining. The FEVE technology lowers the lifetime maintenance cost of coatings in swimming pools.					
USES & BENEFITS	<table border="0"> <tr> <td> <ul style="list-style-type: none"> • Fascias and facades • Bridges and towers • Chemical Plants • High capital cost structures </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> • Wind Turbines • Structural Steel and Roofing • Swimming Pools </td> </tr> <tr> <td style="vertical-align: top;"> <u>Benefits</u> <ol style="list-style-type: none"> 1. Excellent weathering performance. 2. Excellent corrosion resistance when used in conjunction with suitable anti-corrosive primers. 3. Outstanding colour and gloss retention 4. High solids for maximum application efficiency </td> <td style="vertical-align: top;"> <u>Limitations</u> <ol style="list-style-type: none"> 1. Maximum achievable gloss level is 85% 2. Some red and orange pigments may benefit from an overcoat of clear due to the nature of the pigment. </td> </tr> </table>		<ul style="list-style-type: none"> • Fascias and facades • Bridges and towers • Chemical Plants • High capital cost structures 	<ul style="list-style-type: none"> • Wind Turbines • Structural Steel and Roofing • Swimming Pools 	<u>Benefits</u> <ol style="list-style-type: none"> 1. Excellent weathering performance. 2. Excellent corrosion resistance when used in conjunction with suitable anti-corrosive primers. 3. Outstanding colour and gloss retention 4. High solids for maximum application efficiency 	<u>Limitations</u> <ol style="list-style-type: none"> 1. Maximum achievable gloss level is 85% 2. Some red and orange pigments may benefit from an overcoat of clear due to the nature of the pigment.
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PHYSICAL PROPERTIES	Vehicle Type	Modified Fluoropolymer				
	Hardener	Isocyanate				
	Mixing Ratio	4:1(Part A:Part B) by Volume				
	Pot Life	2 hours at 77°F using standard hardener, 1.5 hours at 77°F using medium hardener and 1 hour at 77°F using fast hardener				
	Finish	Gloss, satin and matt				
	Theoretical Coverage	500 sq ft/US gal@2 mil, (12.3m ² /litre @ 50 microns), theoretical				
	Volume Solids	Approx. 62% dependant on pigmentation				
	Recommended DFT	2 – 4.5 mil (50 - 125 microns) DFT finished				
	Usual No. of Coats	1 – 2 coats wet on wet				
	Colour	Any colour including metallic finishes				
	Pigmentation	Various				
	Primer Required	Yes, dependant on substrate. Contact PaintNForget for specific applications				
	Product Weight	10.4 ~12.1 lbs /US Gal (1.25 ~ 1.45Kg/Litre)				

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ENGINEERING DATA	Abrasion Resistance	Excellent resistance to scrubbing and sand abrasion				
	Flexibility	Permanent flexibility - adequate for normal substrate movement				
	Bacterial Resistance	Excellent				
	Chemical Resistance	Excellent resistance to organic and inorganic acids				
	Dry Heat Resistance	Excellent				
	Solvent Resistance	Good				
	Durability	Outstanding				
	Salt Spray Resistance	Excellent				
CURING DATA	Substrate Temp.(°F)	Touch Dry	Dry to Handle	Full Cure	Recoat Min	Pot Life
	40 °F	10 Hrs	48 Hrs	14 Days		4 Hrs
	60 °F	8 Hrs	36 Hrs	10 Days	4 Hrs	2.5 Hrs
	77 °F	4 Hrs	24 Hrs	7 Days	2 Hrs	2 Hrs
	95 °F	2 Hrs	18 Hrs	5 Days	1 Hr	1.5 Hrs
	Note	The above curing times and pot life will halve if using fast hardener. Fast hardener is not recommended when the temperature is over 60°F. Medium Hardener is also available and will reduce curing times by 25%. Recoat: Two coats can be applied wet on wet.				

APPLICATION DATA	Mixing	Mix Pack A and Pack B in ratio 4: 1 by volume and stir thoroughly.
Application		Air atomization, airless, air assisted airless, brush or roller.
Cleaning		V102 Cleaning Thinners.
Thinning		V111 Medium Thinners.
Typical Specification		Contact PaintNForget for specific Specifications, dependant on substrate.
SURFACE PREPARATION	All Surfaces	All surfaces to be structurally sound and free of contamination, particularly salt deposits. Loose or flaking paint must be removed by abrasive blast cleaning, power tool cleaning or sanding, to SSPC Standards. Oil, grease, dirt etc must be removed with detergent and water blasting or solvent cleaning to SSPC-SP1. Primers should be abraded as necessary. Steel substrates are to be abrasive blasted to a minimum SSPC-SP10 leaving a blast profile of 1.6 -2.76 mil (40-70 microns).
WORK STOPPAGES	General	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with PaintNForget 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 PaintNForget 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 and delays.
PACKING & STORAGE	Packing	Available in 1.32 or 5.28 Us Gal (5 or 20L) packs. For availability of other sizes, contact PaintNForget.
Storage		12 months if stored in sealed containers away from heat and moisture. Subject to re- inspection thereafter.
HEALTH & SAFETY		All applicable statutory regulations must be observed in the application of this product. Users must first read the Material Safety Data Sheet for PaintNForget 790. Users should familiarise themselves with all the safety aspects of the product prior to usage. Please ensure the current Technical Data Sheet is consulted prior to specification or application of PaintNForget products. If the surface intended to be painted differs from the specification, please consult PaintNForget

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