Brunel EnviroMarine

Technical Data

Volume Solids		100% (in both components)
Solvent		None (and none to be added)
Toxicity		Nil
	Tin	Nil
	Biocide	Nil
	Copper	Nil
	Hydrogen Peroxide	Nil
V.O.C.		Nil (in either component)
Thinners		None supplied or contained and none to be added
Flash Point	Part "A"	Greater than 150c
	Part "B"	Greater than 100c
Porosity		Non-porous
Specific Gravity		1.42 (Can vary according to certain shades)
Surface Microtexture		<20 microns (achieved through curing)
Elastic Modulus		>7%
Compressive Strength		>130 Nmm2
Tensile Strength		>70 Nmm2
Flexural Strength		Greater than Steel
Flexibility		Greater than Steel
Adhesion to SA2.5 Steel		>20Nmm2 (device adhesive failure)
Conductivity (Electric)		None (Dielectric)

Operational Temperature	<-50c to >175c
Salt Spray	ASTM B117-57T No Effect over prolonged exposure
Deadweight per m2	348 g total

Transportation and Storage

Shelf Life	12 months (nominal)
Storage Temperature	No Maximum - Minimum Zero C
Maximum Storage/Zone	No Maximum
Ventilation Requirement	None

Application

Components	Two
Unit Size	15 litres
Ratio	2:1 by volume
Measuring	None (Add one complete Part “B” to one complete Part “A”)

(NEVER add solvents or vary the ratio)

Application	Airless Spray
Coats	2
Thickness	2 x 150 Microns
WFT/DFT	300/300 (100% Solids)
Thinners	NEVER
Mixed Pot Life	~30 minutes @ 20c
Overcoating	~3 hours @ 20c (full cure is unnecessary as NO solvents.)
Max Overcoating	~48 hours (A truly homogenous system MUST crosslink.)
Maximum Humidity	100% (No Max as 100% solids, no solvent evaporation.)
Cure	100% Exothermic. No subsequent profiling/conditioning.
Immersion	~6 hours @ 20c in Seawater