



Your surface protection specialist

EXPERTISE ▪ INTEGRITY ▪ QUALITY

V6000 BASECOAT

TECHNICAL DATA

A TWO PACK BISPHENOL-A EPOXY VINYL ESTER RESIN REINFORCED WITH FUMED SILICA, SILICA FL AND OUR AND OTHER PROPRIETARY PARTICULATE FILLERS FOR APPLICATION AS A FLEXIBLE LOW MODULUS BASECOAT TO FIBERGLASS MAT REINFORCED LAYERS AND GLASSFLAKE REINFORCED CHEMICAL-RESISTANT TOP COAT.

GENERALLY APPLIED TO PROTECT THE FOLLOWING EQUIPMENT.

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|--------------------------|--------------------------|
| ■ STEEL STRUCTURES | ■ PROCESS VESSELS |
| ■ CHEMICAL STORAGE TANKS | ■ EXHAUST DUCTING |
| ■ VESSEL DECK | ■ BOILER FEEDWATER TANKS |
| | ■ |

SUBSTRATE TO BE PREPARED TO THE MINIMUM STANDARD OF SSPC-SP10 (Sa 2½) WITH AN AVERAGE SURFACE PROFILE OF BETWEEN 75 - 100 MICRONS.

FOR EXISTING PAINTED SURFACES, HIGH PRESSURE WASH TO REMOVE CONTAMINATION PRIOR TO THE APPLICATION OF SURFACE TOLERANT PRIMER FOLLOWED BY APPLICATION OF BASECOAT.

COMPLETE CLEANING OF SUBSTRATE SHOULD BE CARRIED OUT PRIOR TO APPLICATION OF COATING.

STRIPE COATING TO BE CARRIED OUT ON ALL ANGLES, EDGES AND WELD SEAMS PRIOR TO ANY APPLICATION OF A FULL COAT.

APPLICATION MAINLY CARRIED OUT BY BRUSH OR TROWEL.

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V6000 BASECOAT

PACKING SIZE	: 16 LITRE
COLOUR	: OFF WHITE ONLY
VOLUME SOLIDS	: 99.5 %
SPECIFIC GRAVITY	: 1.20
SPREADING RATE	: 1.32 M ² /LTR AT 750 MICRONS
DFT RANGE	: 500 MICRONS TO 2000 MICRONS IN A MINIMUM OF 2 COATS DEPENDING ON OPERATING SERVICE REQUIREMENTS
MIXING RATIO	: 2.0% OF BASE (WILL VARY DEPENDING ON EXTREME WEATHER CONDITIONS)
ACTIVATOR	: METHYL ETHYL KETONE PEROXIDE (CAN BE FORMULATED FOR USE WITH OTHER PEROXIDE VARIANT)
POT LIFE	: 50 MINUTES (STANDARD), BUT CAN BE ADJUSTED TO SUIT SPECIAL REQUIREMENTS OR SUPPLIED WITH CURE INHIBITOR TO EXTEND POT LIFE
OVERCOATING	: WHEN TOUCH DRY OR WITHIN A MAXIMUM OF 48 HOURS
THINNERS	: NOT RECOMMENDED
HARDNESS	: 30 BARCOL (ASTM D-2583/EN59)
TENSILE STRENGTH	: 76 MPa (ASTM D-638/ISO 527)
ELONGATION	: 5-6 % (ASTM D-638/ISO 527)
TEMPERATURE RESISTANCE	: 80°C WET 110°C DRY
PERMEABILITY RATE	: 0.0008 INCHES ASTM 96:95
SEA WATER RESISTANCE	: EXCELLENT
CHEMICAL RESISTANCE CHART	: PLEASE REFER TO CHEMICAL RESISTANCE CHART FOR GUIDANCE OR CONTACT: FLAKECOAT TECHNOLOGY PTE. LTD. FOR ANALYSIS AND RECOMMENDATIONS
ABRASION RESISTANCE	: 0.2% WEIGHT LOSS (ASTM D 4060:95)
CLEAN-UP SOLVENT	: METHYL ETHYL KETONE

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