



Your surface protection specialist

EXPERTISE ▪ INTEGRITY ▪ QUALITY

## P2000 S SERIES

A TWO PACK BISPHENOL 'A' POLYESTER RESIN WITH GLASSFLAKE RE-INFORCEMENT ESSENTIALLY DEVELOPED FOR AIRLESS SPRAY APPLICATION TO STEEL AND CONCRETE SUBSTRATES OF MEDIUM AND LARGE SURFACE AREAS OFFERING EXCELLENT MECHANICAL PROPERTIES AND CHEMICAL RESISTANCE TO THE MOST CHALLENGING ENVIRONMENTS.

GENERAL APPLIED TO PROTECT THE FOLLOWING EQUIPMENT :

- |                         |                    |
|-------------------------|--------------------|
| ■ FRESH WATER TANKS     | ■ STEEL STRUCTURES |
| ■ SAND FILTRATION TANKS | ■ PRESSURE VESSELS |
| ■ PIPE WORK             | ■ STORAGE TANKS    |

STEEL SUBSTRATES TO BE PREPARED BY GRITBLASTING TO THE MINIMUM STANDARD OF SSPC – SP10 (Sa 2½) WITH AN AVERAGE SURFACE PROFILE OF BETWEEN 75 – 100 MICRONS.

MATERIAL USED WILL BE NEW, CLEAN AND DRY COPPER SLAG OF 830 OR 1030 GRADE OR EQUIVALENT.

FOR CONCRETE SURFACE PREPARATION AND APPLICATION DETAILS, PLEASE CONTACT:

FLAKECOAT TECHNOLOGY PTE. LTD.

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 AIRLESS SPRAY EQUIPMENT UTILISING THE FOLLOWING :

- PUMP 45 : 1 RATIO OR EQUIVALENT
- SPRAY LINE 9.5MM (3/8")
- GRACO GOLDEN GUN
- REVERSA TIP SIZE 631 (31 THOU)

WORKING IN CONFINED SPACES REQUIRES ADEQUATE VENTILATION AND BREATHING EQUIPMENT.

APPLICATION CAN ALSO BE CARRIED OUT BY UTILISING BRUSH, ROLLER OR TROWEL.

PACKING SIZE : 16 LITRE

COLOUR : OFF WHITE, OTHER COLOURS AVAILABLE ON REQUEST

VOLUME SOLIDS : 99.5%

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FLAKECOAT TECHNOLOGY PTE LTD 19 TUAS SOUTH STREET 1 SINGAPORE 638066

TEL: (65) 6558 7639 FAX: (65) 6558 7616

Email: [flakecoat@singnet.com.sg](mailto:flakecoat@singnet.com.sg) Visit us: [www.flakecoat.com](http://www.flakecoat.com)

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SPECIFIC GRAVITY	: 1.21
SPREADING RATE THEORETICAL	: 1.3M <sup>2</sup> /LITRE AT 750 MICRONS
DFT RANGE	: 500 MICRONS TO 3000 MICRONS IN A MINIMUM OF 2 COATS DEPENDING ON OPERATING SERVICE REQUIREMENTS
ACTIVATOR	: METHYL ETHYL KETONE PEROXIDE (CAN BE FORMULATED FOR USE WITH OTHER PEROXIDE VARIANTS)
MIXING RATIO	: 2.0% OF BASE (WILL VARY DEPENDING ON EXTREME WEATHER CONDITIONS)
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	: 40 BARCOL (ASTM D 2583:95)
TENSILE STRENGTH	: 26N/MM <sup>2</sup> (ASTM D 3039/D 3039M : 95 a)
ELONGATION	: 2.0% (ASTM D 3039/D 3039M : 95 a)
TEMPERATURE RESISTANCE	: 100°C WET 130°C DRY
PERMEABILITY RATE	: 0.0008 INCHES (ASTM E 96:95)
SEA WATER RESISTANCE	: ASTM B 117-(20,000 HRS. NO EFFECT)
CHEMICAL RESISTANCE	: PLEASE REFER TO CHEMICAL RESISTANCE CHART FOR GUIDANCE OR CONTACT FLAKECOAT TECHNOLOGY PTE. LTD. FOR ANALYSIS AND RECOMMENDATIONS
ABRASION RESISTANCE	: 0.248% WEIGHT LOSS (ASTM D 4060:95)
POTABLE WATER CERTIFICATION	: BS 6920 : PART 3 HIGH TEMPERATURE TESTS
CLEAN UP SOLVENT	: METHYL ETHYL KETONE

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For enquiries:

Derek Rodrigues  
Managing Director  
Mobile: 9626 0738



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Visit us: [www.flakecoat.com](http://www.flakecoat.com)