



Your surface protection specialist

EXPERTISE ▪ INTEGRITY ▪ QUALITY

## NV6000B SERIES

A TWO OR THREE PACK EPOXY NOVOLAC BASED VINYL ESTER RESIN REINFORCED WITH C GRADE HAMMERMILLED GLASSFLAKE AND OTHER PARTICULATE FILLERS PROVIDING EXCEPTIONAL RESISTANCE TO SOLVENTS, CHEMICALS, ACIDIC OXIDIZING ENVIRONMENTS AND OFFERING EXCELLENT MECHANICAL PROPERTIES AT HIGHER TEMPERATURES.

### BENEFITS: -

- |                        |  |
|------------------------|--|
| ■ ABRASION RESISTANCE  | ■ ABLE TO REBUILD BADLY PITTED & ERODED SURFACES |
| ■ CHEMICAL RESISTANCE  | ■ EASE OF REPAIR IF DAMAGED                      |
| ■ CORROSION RESISTANCE | ■ LOW PERMEABILITY                               |
| ■ EROSION RESISTANCE   | ■ MACHINABLE TO CLOSE TOLERANCE                  |

FOR CONCRETE SURFACE PREPARATION AND APPLICATION DETAILS, PLEASE CONTACT FLAKECOAT TECHNOLOGY PTE LTD.

### GENERALLY APPLIED TO PROTECT OR REBUILD THE FOLLOWING EQUIPMENT: -

- |                |                      |
|----------------|----------------------|
| ■ CONDENSERS   | ■ COOLING TOWERS     |
| ■ END COVERS   | ■ FANS & HOUSINGS    |
| ■ PUMP CASINGS | ■ IMPELLERS          |
| ■ VALVES       | ■ WASTE GAS TRUNKING |

SUBSTRATE TO BE PREPARED TO THE MINIMUM STANDARD OF SSPC-SP10 (SA 2.5) 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.

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 TO BE CARRIED OUT BY BRUSH, ROLLER & TROWEL.

WORKING IN CONFINED SPACES REQUIRES ADEQUATE VENTILATION AND BREATHING EQUIPMENT.

MATERIALS AVAILABLE IN HEAVY, MEDIUM & LOW VISCOSITIES.

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ISO9001:2015



OHSAS  
18001:2007



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### For enquiries:

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PACKING SIZE	:	16 LITRE
COLOUR	:	OFF WHITE ONLY, COLOR FOR LOW VISCOSITY ON REQUEST.
VOLUME SOLIDS	:	99.5 %
SPECIFIC GRAVITY	:	1.25
SPREADING RATE PRACTICAL	:	(H) NEW STEEL: 1.8 PER M <sup>2</sup> AT 1000 MICRONS DAMAGED STEEL: 2.8 KG PER M <sup>2</sup> AT 1000 MICRONS (M) 1.6 KG PER M <sup>2</sup> AT 1000 MICRONS (L) 1.25 KG PER M <sup>2</sup> AT 1000 MICRONS
DFT RANGE	:	500 MICRONS TO 3000 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	:	45 BARCOL (ASTM D 2583:95)
TENSILE STRENGTH	:	26.5 N/MM <sup>2</sup> (ASTM D 3039/D 3039M:95 α)
ELONGATION	:	0.6 % (ASTM D 3039/D 3039M:95 α)
TEMPERATURE RESISTANCE	:	130°C WET 190°C DRY
PERMEABILITY RATE	:	0.0008 INCHES (ASTM E 96:95)
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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