

# SOLIDGUARD LV WEARKOTE

Brushable Wearing Compound

Solidguard LV wearkote is a high-performance Silicon Carbide filled ceramic epoxy using new generation epoxy technology to combine high impact resistance with abrasion and excellent corrosion resistance. Designed as a brushable grade wearing compound.

## BENEFITS:



*Easy to apply with a brush.*



*Self-priming on shot blasted steel with excellent adhesion.*



*Chemical resistance to concentrated acids and alkalis.*



*Hard wearing and resistant to abrasive slurries. High physical properties.*



*Smooth gloss finish which eliminates "hang up" and turbulence in pump cases and pipes.*



*100% Reactive, no solvents. Non-flammable.*

## APPLICATIONS:

- Recommended for abrasion resistant coating to pipes and pump casings including impellers.
- Protection of slurry chutes, separators and slurry tanks.
- Tank linings where continuous agitation causes erosion of steel.

## TECHNICAL DETAILS

Application	Brushable
Compressive Strength	> 80 MPa (BS6319)
Flexural Strength	> 30 MPa (BS6319)
Bond Strength	> 7 MPa on shot blasted steel
Tensile Strength	15 MPa (BS6319)
Profile	Smooth
Finish	Gloss
Application Temp	8 - 30 °C
Service Temp	80 °C Max Dry
Dry Film Thickness	1 mm system 2 coats
Colour	Dark Grey
Initial Cure	4 hours @ 20 °C
Mix Ratio	Mix as supplied
Practical Cure	18 hours
Full Cure	7 days
Pot Life	17 - 20 minutes @ 20 °C
Overcoat Time	4 - 5 hours
Coverage	1,8 m <sup>2</sup> / 1,5 kg kit @ 500 microns recommended 2 coats

## SUBSTRATE REQUIREMENTS

Surfaces to be treated must be free of dust, oily residues and loose friable material. Recommended surface profile is a sweep blast with surface finish of Sa 2.5. BS 7079 Part A1 1989 with surface profile 75 micron.

### Gauteng

35 Activia Rd, Activia Park, Germiston, 1610  
Tel: +27 11 822 7242

### Kwa-Zulu Natal

41 Circuit Rd, New Germany, 3610  
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### Western Cape

Cnr Gunners Circle & Fisher Ave, Epping 1, 7475  
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## HEALTH AND SAFETY

The system is non-hazardous to health and environment. Please consult Health and Safety Data sheets for each product. This is a specialized system that must be installed by an approved applicator with documented quality assurance. Consult Technical Finishes for list of approved applicators.

## WARRANTY

Technical Finishes products are manufactured under high quality standards and are warranted against defective materials and are sold subject to standard Terms and Conditions of Sale, copies of which can be obtained upon request. Technical Finishes deals with approved applicators and carry a back to back warranty with these clients. Technical Finishes cannot be held responsible for the workmanship in surface preparation and application of our products, it is understood that the approved contractor will guarantee such workmanship and application. It is vital that the application is done in accordance to our specification.

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