

High Temperature Wear Guard



High Temperature Wear Guard is a high density ceramic bead filled epoxy system, engineered to provide exceptional performance to wear areas exposed to high abrasion and high temperatures upto 230°C. It requires heat cure for maximum temperature resistance. With excellent wear and abrasion resistance, it is designed for use in equipment that handle abrasive media of all sizes. It possesses excellent adhesion to metal, ceramic and concrete surfaces. It contains 100% solids after cure, and provides unmatched resistance to acids, bases, salts and solvents.

RECOMMENDED APPLICATIONS

- ▶ Repair of pulverizers
- ▶ ID fan blades and casings
- ▶ Clinker grinders and classifiers
- ▶ Disk refiners and cyclones
- ▶ Dust collectors and exhausters
- ▶ Rotary feeders & screw conveyors
- ▶ Pump parts handling abrasive media
- ▶ Ash systems
- ▶ Pipe elbow and bends
- ▶ Scrubbers & vibrating feeders
- ▶ Chutes and hoppers
- ▶ Other equipment exposed to extreme wear and moderate temperatures



TYPICAL PROPERTIES		
Mixing ratio resin:hardener	(By vol)	6 : 1
	(By wt)	13.7 : 1
Specific volume, cm ³ /kg		545
Mixed viscosity		Putty
Pot Life, minutes @ 24°C		1:20
Compressive strength, N/mm ² ASTM D 695		91
Cured hardness Shore D ASTM D2240		87
Adhesive tensile shear ASTM D1002 N/mm ²		16
Operating temperature, maximum ^o C	(Dry)	232
	(Wet)	66
Colour		Grey
Coverage/unit		2.5m ² @ 3mm

CHEMICAL RESISTANCE	
7 Days Room Temperature Cure, 30 days immersion	
Sulphuric acid 10%	Excellent
Hydrochloric acid 10%	Excellent
MEK	Fair
Methanol	Fair
Toluene	Excellent
Ammonia	Excellent
Sodium Hydroxide 50%	Excellent
Kerosene, unleaded gasolene	Excellent
Organic Solvents	Unsatisfactory
HCL 36%	Excellent
Phosphoric acid 10%	Very Good

ORDERING INFORMATION

Item	Unit Size	Stock No.
High Temperature Wear Guard	13.6kg	11480

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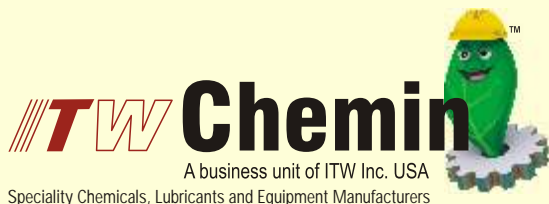


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