

# Devcon Wear Guard™ Ultra

Epoxy; Epoxide

Devcon

## Message:

Alumina ceramic bead-filled epoxy system with outstanding abrasion resistance for severe service conditions.

Intended Use:

Repair scrubbers, ash handling systems, pipe elbows, screens and ceramic lined chutes; recontour chippers, bins, hoppers, bunkers, separators; protect exhausters, chutes, launders, housing fans, crushers and breakers.

Product Features:

Extends Equipment Operating Cycles

Epoxy Primer FC included (For use as primer)

Non-sagging

Outstanding Wear Resistance

General Information			
Filler / Reinforcement	Ceramic bead packing		
Features	Good wear resistance		
	Good wear resistance		
Uses	Repair Materials		
Appearance	Grey		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.50	g/cm <sup>3</sup>	
Specific Volume	0.410	cm <sup>3</sup> /g	
Solid content-by Volume	100	%	
Temperature Resistance	121	°C	
Tensile Shear Adhesion	10.8	MPa	ASTM D1002
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	87		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	29.4	MPa	
Flexural Strength	60.2	MPa	ASTM D790
Compressive Strength	95.9	MPa	ASTM D695
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Resin	Mixing ratio by weight: 19		
Hardening method	Mixing ratio by weight: 7.8		
Pot Life (24°C)	20	min	
Additional Information	Nominal Value	Unit	Test Method
Cured 7 days @ 75°F			
Uncured Properties	Nominal Value	Unit	Test Method
Curing Time	16	hr	

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