maxceramic max 2232

Severe corrosion, erosion, and chemical attack environments

max 2232 is a 100% solids, sprayable ceramic-reinforced, dual-component liquid polymer composite formulated with a modified phenol novolac epoxy resin and fine ceramic fillers. It is specifically designed to provide excellent laminar flow and protection against severe corrosion, erosion, and chemical attack, making it also ideal for continued immersion environments.

Maximizing your benefits

Sprayable
A simpler and faster way to protect your asset

Fine ceramic fillers
Ideal for severe fine particulate wear

Outstanding chemical and abrasion resistance
Making it an excellent choice for extending the life of your assets

High gloss, low drag surface
Reducing the amount of energy required to operate the equipment

Maximizing your applications

- Storage tanks
- Secondary containments
- Pumps & Valves
- Heat exchangers
- Slurry systems
- Pipelines
- Immersion applications
- Chemical attack
- High wear & abrasion
- Mixing vessels

CURING TIMES (25 °C)	
Dry-to-touch	3.5 hours
No loading or immersion	4 hours
Machining or light loading	20 hours
Full mechanical load	48 hours
Full chemical	270 hours
Dry Film Thickness	250 µm

PROPERTIES	
Adhesion ASTM D4541	27 Mpa >4600 psi
Abrasion resistance ASTM D4060	26 mm³ CS17 (dry)
Compressive Strength ASTM D695	59 Mpa >9200 psi
Hardness (Shore D) ASTM D2240	83
Tensile Strength ASTM D638	26 Mpa >6500 psi
Flexural Strength ASTM D790	30 Mpa >4300 psi
Impact Resistance ASTM D256	4.0 kJ/m²
Temperature Resistance ASTM D 3418	130 °C 266 °F
Heat Resistance	200 °C 392°F

THEORETICAL COVERAGE @ 250 µm	
1 kg covers 2,86 m²	
5 kg covers 14,30 m²	

PACKING	
MAX 2232.01	1 kg
MAX 2232.05	5 kg
MAX 2232.20	20 kg
Shelf Life	24 months

WINDOW RECOAT	
Minimum	3.5 hours
Maximum	24 hours

DATA	
Ratio Volume	4:1
Ratio Weight	5.8:1
Working time	35 minutes
Density A + B	1,40

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