maxceramic max 2612

Sprayable high-density crosslinked polymer composite

max 2612 is a high-density crosslinked ceramic reinforced dual component liquid polymer composite, sprayable and easy to use for severe wear and chemical attack in dry and immersion applications. It is designed with a medium-viscosity epoxy resin and fine ceramic fillers, making it ideal for increasing flow and reducing friction and wear due to turbulence.

Maximizing your benefits

Sprayable
A simpler and faster way to protect your asset

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

Ceramic reinforced polymer composite
Extends the equipment's life exposed to particle wear

100% solids; no VOCs
Making it a great choice for any environmentally friendly project

Maximizing your applications

- Storage tanks
- Secondary containments
- Lining
- Pipeline
- Slurry systems
- Pumps & Valves
- Immersion applications
- Chemical attack
- High wear & abrasion
- Girth Welds

CURING TIMES (25 °C)	
Dry-to-touch	2 hours
No loading or immersion	4 hours
Machining or light loading	6 hours
Full mechanical load	24 hours
Full chemical	270 hours
Dry Film Thickness	500 µm

PROPERTIES	
Adhesion ASTM D4541	32 Mpa >4600 psi
Abrasion resistance ASTM D4060	21 mm³ CS17 (dry)
Compressive Strength ASTM D695	96 Mpa >13900 psi
Hardness (Shore D) ASTM D2240	86
Tensile Strength ASTM D638	41 Mpa >5900 psi
Flexural Strength (25 °C) ASTM D790	95 Mpa >13700 psi
Flexural Strength (140 °C) ASTM D790	103 Mpa >14900 psi
Temperature Resistance ASTM D 3418	120 °C 248°F
Heat Resistance	200 °C 392°F

THEORETICAL COVERAGE @ 500 µm	
1 kg covers 1.39 m²	
5 kg covers 6.95 m²	

PACKING	
MAX 2612.01	1 kg
MAX 2612.05	5 kg
MAX 2612.20	20 kg
Shelf Life	24 months

WINDOW RECOAT	
Minimum	2 hours
Maximum	24 hours

DATA	
Ratio Volume	4:1
Ratio Weight	6.2:1
Working time	20 minutes
Density A + B	1.44

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