maxceramic max 1911

Repair composite for extreme abrasion and cavitation

max 1911 is a large particulate reinforced polymer composite designed with a unique blend of ceramic fillers for your applications under extreme cavitation, corrosion, erosion, and sliding abrasion wear, particularly when caused by large and coarse particulates. This engineered polymer meets the demands of your environment, even under the most challenging conditions.

Maximizing your benefits

Large ceramic fillers
ideal for severe large particulate wear

Unique ceramic blend
formulated for extreme cavitation applications

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

High Build
ideal for repair and rebuild applications

Maximizing your applications

- Pump cases
- Pumps & Valves
- Wear plates
- Heat exchangers
- Slurry systems
- Impellers
- Immersion applications
- Cyclones
- Crushers
- High wear & erosion

CURING TIMES (25 °C)	
Dry-to-touch	1 hour
No loading or immersion	4 hours
Machining or light loading	5 hours
Full mechanical load	24 hours
Full chemical	270 hours
Dry Film Thickness	3500 µm

PROPERTIES	
Adhesion ASTM D4541	14 Mpa >2000 psi
Abrasion resistance ASTM D4060	48 mm³ H10 (wet)
Compressive Strength ASTM D695	85 Mpa >12300 psi
Hardness (Shore D) ASTM D2240	87
Tensile Strength ASTM D638	17 Mpa >2400 psi
Flexural Strength ASTM D790	37 Mpa >5300 psi
Impact Resistance ASTM D256	2.0 kJ/m²
Temperature Resistance ASTM D 3418	100 °C 212 °F
Heat Resistance	180 °C 356 °F

THEORETICAL COVERAGE @ 3500 *µm*	
1 kg covers 0,14 m²	
5 kg covers 0,70 m²	

PACKING	
MAX 1911.01	1 kg
MAX 1911.05	5 kg
MAX 1911.20	20 kg
Shelf Life	24 months

WINDOW RECOAT	
Minimum	1 hour
Maximum	12 hours

DATA	
Ratio Volume	5:1
Ratio Weight	6:1
Working time	25 minutes
Density A + B	2.05

maxepoxy
www.maxepoxy.com