maxceramic

Abrasion, and Impact Resistant, Ceramic-Reinforced Polymers

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maxepoxy
PROTECTION & REPAIR TECHNOLOGY

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MAXIMIZING
ASSET EFFICIENCY

MAXMETAL | **MAXCERAMIC** | MAXPRIMER | MAXVISCO | MAXCOMP

Abrasion, and Impact Resistant, Ceramic-Reinforced Polymers

Dual-component polymer composite line of protective coatings, specially developed for extreme corrosion, chemical attack, erosion, cavitation, repeated impact and severe abrasive operations. For metal and concrete sealing, bonding, repairs, and structural rebuild in extreme abrasive and corrosion environments.

Designed with our unique blend of modifiers and ceramic fillers

- Corrosion & chemical attack
- Erosion, cavitation
- Severe abrasive operations

Metal and concrete sealing, bonding, repairs, and structural rebuild

- Extreme abrasion wear
- Chemical attack
- High compressive strength
- Severe impact protection
- Erosion and corrosion damage repair

For extreme abrasive and corrosive environments

MaxApplications:

Storage Tanks & Pipes
Heat exchangers
Pumps & Valves
Concrete & Steel – Structural
Chemical Attack
Immersion applications
Boilers & Furnaces

MAXCORROSION MAXWEAR MAXFRICTION MAXABRASION MAXCAVITATION MAXCHEMICAL MAXIMPACT MAXTEMPERATURE MAXEROSION

MAX SOLUTIONS

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MAXEPOXY® MAX1211

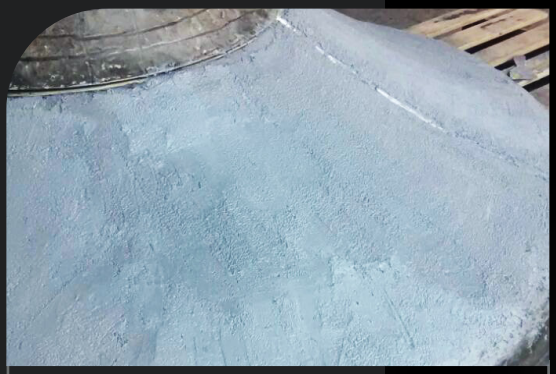
A solvent and VOC-free ceramic-reinforced polymer composite for your applications under severe sliding abrasion caused by fine particles. Its unique blend of fi ne fillers design improves laminar flow. **Ideal for protecting against severe abrasion and corrosion.**

- Sliding abrasion resistance;
- Improves laminar fl ow;
- Single coating application;
- ceramic reinforced;
- High build;
- Extends equipment life.

MAXEPOXY® MAX1411

A dual-component ceramic reinforced polymer composite for your applications under severe sliding abrasion wear caused by coarse particles and designed with a unique blend of ceramic fillers **ideal for protecting surfaces against severe abrasive attack.**

- Sliding abrasion resistance;
- Excellent fl exural resistance;
- Ideal for coarse particulate wear;
- Ceramic reinforced;
- High build;
- Extreme cavitation resistance.



MAXEPOXY® MAX1311

A dual-component ultra-fast curing, ceramic reinforced polymer composite for your applications under severe sliding abrasion wear caused by midsize particulate. Designed with special medium-sized fillers **ideal for extreme abrasion and corrosion environments.**

- Ultra-fast curing;
- Sliding abrasion resistance;
- Ideal for medium particulate wear;
- Ceramic reinforced;
- High build;
- Quick return to service.

MAXEPOXY® MAX1511

A dual component repair and rebuild ceramic **reinforced polymer composite for moderate abrasion, severe corrosion, erosion, and chemical protection**, designed with medium-viscosity modified epoxy resin and fine ceramic fillers.

- Outstanding adhesion;
- High abrasion protection;
- Severe corrosion protection;
- Extreme chemical resistance;
- Fine ceramic fillers;
- High compression strength.

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MAXEPOXY® MAX1512

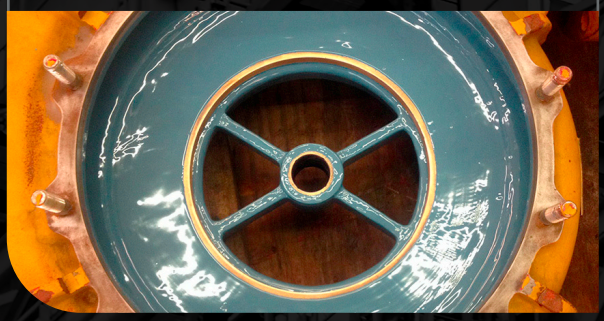
A dual-component low-drag, ceramic reinforced liquid polymer composite designed with a low-viscosity, high-solids modified epoxy resin and fine ceramic fillers **ideal for services under extreme chemical attack, severe erosion, corrosion, and light abrasion.**

- Outstanding adhesion;
- Extreme abrasion protection;
- Severe corrosion protection;
- High chemical resistance;
- Fine ceramic fi llers;
- Sprayable.

MAXEPOXY® MAX1552

A 100% solids ceramic reinforced liquid polymer composite for your applications **under severe corrosion, erosion, chemical attack, and fine particle abrasion,** polished finish with high impermeability and abrasion resistance.

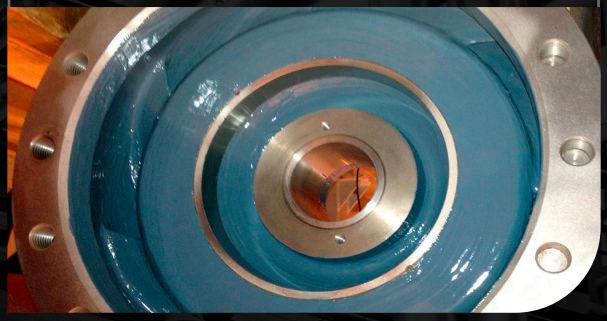
- High impermeability;
- Superior improved fl ow;
- Smooth, polished fi nish;
- Ceramic reinforced;
- Extreme abrasion resistance;
- High compressive strength;



MAXEPOXY® MAX1612

A sprayable, ceramic-reinforced liquid polymer composite for applications in environments exposed to **extreme corrosion, erosion and chemical attack**, designed with micro-ceramic fillers, it provides a smooth, polished finish with exceptional chemical and abrasion resistance.

- Outstanding abrasion protection;
- Extreme chemical protection;
- High corrosion-erosion protection;
- Smooth, polished finish;
- Micro-ceramic fillers;
- Dry and immersion environments.



MAXEPOXY® MAX1711

A new generation of high-shape memory hybrid resin, ceramic reinforced, polymer composite, designed with fine fillers for applications **exposed to continued extreme impact, severe fine particulate sliding abrasion, erosion, and corrosion.**

- High compressive strength;
- Sliding abrasion resistance;
- Extreme impact protection;
- Ceramic reinforced;
- High build;
- High memory hybrid resin

MAXEPOXY® MAX1911

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 caused by large and coarse particulates.**

- Extreme abrasion resistance;
- Extreme cavitation resistance;
- Excellent mechanical strength;
- Ceramic reinforced;
- High build;
- Repairs & rebuild.

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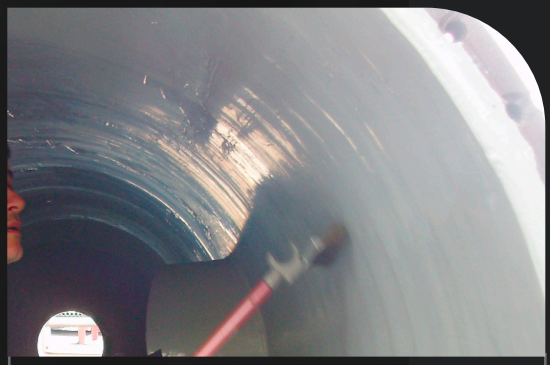
MAX SOLUTIONS

MAXEPOXY® MAX2232

A sprayable, ceramic-reinforced liquid polymer **composite for severe corrosion, erosion, and chemical attack, ideal for immersion.** Designed with high solids content, modified phenol novolac epoxy resin, and fine ceramic fillers.

- Sprayable;
- Severe corrosion protection;
- Severe erosion protection;
- Extreme chemical protection;
- Fine ceramic fillers;
- Dry and immersion environments.



MAXEPOXY® MAX2361

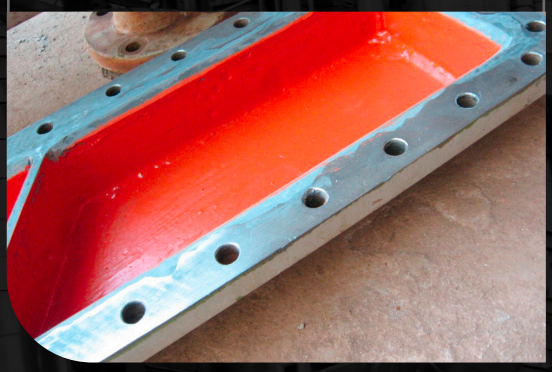
A ceramic-reinforced polymer composite for dry and immersion, extreme corrosion, erosion, and chemical environments. Designed with high solids content novolac epoxy resin and fine ceramic fillers, **it provides a smooth, polished finish with exceptional wear and abrasion resistance.**

- Exceptional wear resistance;
- Extreme abrasion resistance;
- High corrosion-erosion protection;
- Increases laminar flow;
- Smooth, polished finish;
- Dry and immersion environments

MAXEPOXY® MAX2332

A sprayable, low-viscosity, ceramic-reinforced liquid polymer **composite for extreme sliding abrasion wear, corrosion, erosion, and chemical attack in dry and immersion applications**, designed with a novolac epoxy resin and fine ceramic fillers.

- Extreme wear protection;
- Extreme chemical protection;
- Dry and immersion environments;
- Ceramic reinforced;
- Multi-substrate applications;
- Sprayable



MAXEPOXY® MAX2612

A high-density crosslinked ceramic reinforced **liquid polymer composite sprayable for severe wear and chemical attack in dry and immersion applications. Ideal for reducing friction and wear due to turbulence.**

- Outstanding adhesion;
- Outstanding compression strength;
- Dry and immersion environments;
- Severe wear protection;
- Increases the laminar flow;
- High-density crosslinked

MAXIMIZING
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CAVITATION	LOW THICKNESS	HIGH BUILD	FAST CURING	LIQUID	PASTE	MILD SLIDING ABRASION	MODERATE SLIDING ABRASION	EXTREME SLIDING ABRASION	CHEM ATTACK	IMPACT	EROSION	PRODUCT
		●			●		●					MAX 1211
		●	●		●		●					MAX 1311
		●			●			●				MAX 1411
		●			●	●			●			MAX 1511
●	●			●		●			●		●	MAX 1512
●	●			●		●			●		●	MAX 1552
●	●			●		●			●		●	MAX 1612
		●			●			●		●		MAX 1711
		●			●			●				MAX 1911
●	●			●					●		●	MAX 2232
●	●			●					●		●	MAX 2332
	●				●				●			MAX 2361
		●		●					●			MAX 2612

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