



**MAXIMIZING**  
**ASSET EFFICIENCY**



## MAXIMIZING ASSET EFFICIENCY

At **MAXEPOXY**, we pride ourselves on our specialization in the manufacturing of the most advanced ceramic and metallic reinforced epoxy polymer composites available on the market. Our products are meticulously engineered to not only meet but exceed the demands of the harshest industrial environments. With an unwavering commitment to quality, we offer unparalleled resistance to a multitude of challenges including abrasion, erosion, corrosion, and chemical attack.

But that's not all. We go above and beyond by providing innovative solutions that sets us apart from the competition. Our cutting-edge composites are just the beginning. We have also developed viscoelastic self-healing surface tolerant repair systems that are revolutionizing the industry. These systems are designed to effortlessly restore damaged surfaces, ensuring longevity and durability. Additionally, our heavy duty structural reinforcement wrapping composite systems provide the ultimate strength and support needed in critical applications.

At **MAXEPOXY**, we understand that exceptional products are only part of the equation. That's why we have established a global network of highly trained local distributors who are ready to provide the best customer service in the industry. We believe in building strong relationships with our clients, offering personalized assistance and guidance every step of the way.

Our expertise extends across a wide range of sectors, including oil and gas, energy, mining, and general industries. We have worked tirelessly to develop solutions that cater to the unique challenges faced by each sector. Whether it's protecting pipelines in the oil and gas industry, enhancing the efficiency of energy production, or ensuring the durability of mining equipment, we have the knowledge and experience to deliver exceptional results.

When it comes to manufacturing the finest epoxy polymer composites, there is no one better than **MAXEPOXY**. Our confidence in our products and services is unmatched. We invite you to experience the difference for yourself and join the countless satisfied customers who have made us their trusted partner in industrial solutions.



## MAXIMIZING YOUR BENEFITS

- Environmentally friendly
- Less downtime and operations disruption
- No need for special applications tools or extensive preparation Withstands extreme impact and severe sliding abrasion Extends asset life and reliability
- Reduce downtime and maintenance costs
- Resistant to high compression loads
- Suitable for low tolerances and casting repairs
- Reduce delamination and underfilm corrosion
- Ideal for applications where a strong bond is required Reduced friction, and enhanced flow and equipment efficiency Elastic properties, absorbs and dissipates energy
- Superior self-healing constant protection for your surfaces Structural reinforcement, stronger and durable asset



## MAXIMIZING VISUAL INTAKE

SEE OUR LATEST VIDEO AND  
MORE INFORMATION

## MAXIMIZING FEATURES

100% solids; no VOCs

Fast cure chemistry

Surface tolerant

Advanced hybrid polymer matrix

Extremely abrasion

Wide variety of reinforcement options

Machinable to close tolerances

Extreme intercoat adhesion

Strong bond to multiple substrates

Easy to mix and apply

High gloss, low drag surface

Viscoelastic materials

Self-healing properties

Versatile composite repair



## MAXIMIZE YOUR OPTIONS

### **MaxMetal: Compression and Abrasion Resistant, Metallic-reinforced Polymers**

Maxmetal is our dual-component polymer composite line developed with the uttermost mechanical performance requirements in mind, including extreme compression and abrasion environments. Designed with metallic fillers and special modifiers. Machinable and castable 100% solids solutions for sealing, bonding, repairs, and structural rebuild in environments under severe mechanical performance requirements.

### **MaxCeramic: Abrasion, and Impact Resistant, Ceramic-Reinforced Polymers**

Maxceramic is our dual-component polymer composite line of protective coatings, specially developed for extreme corrosion, chemical attack, erosion, cavitation, repeated impact and severe abrasive operations. Designed with our unique blend of modifiers and ceramic fillers. For metal and concrete sealing, bonding, repairs, and structural rebuild in extreme abrasive and corrosion environments.

### **MaxPrimer: Surface Tolerant, Sealing and Intercoat Bonding Coating Systems**

Maxprimer is our unbeatable primer line developed with the ultimate in Adhesion Technology providing unmatched adhesion and wetting characteristics to marginally prepared surfaces, including ferrous and non-ferrous substrates as well as concrete surfaces. Ideal for metal and concrete sealing, bonding and chemical protection, maxprimer creates an outstanding intercoat adhesion for all MAXEPOXY topcoats, providing a better protective barrier against most corrosive elements in immersion, splash zones or high condensation environments.

### **MaxVisco: Multiuse Sealing and Corrosion Protection Tape Systems**

Maxvisco is our innovative viscoelastic coatings line developed with the most advanced polymer technology providing self-healing coating characteristics and immediate unmatched adhesion to the substrate, including ferrous and non-ferrous substrates as well as concrete, plastic, and wood surfaces. For metal and concrete sealing and corrosion prevention, maxvisco provides outstanding self-healing and permanent wetting characteristics.

### **MaxComp: Pipe and Pressure Equipment, Composite Repair Systems**

Maxcomp is our engineered bi-directional Fiberglass fabric-reinforced epoxy matrix composite repair and structural reinforcement system for pipe and pressurized equipment, according to the ASME PCC-2 and ISO 24817 standards, with temperature resistance up to 130 °C (266 °F). maxcomp has an ABS Type Approval with intense quality control and technical certifications and demonstrates compliance with international and recognized standards and ABS Rules. Maxcomp versatile line of application friendly composite systems provide a cost-effective and easy way to install. Designed for applications on complex structure geometry.

*The best options for the repair and protection of process pipes, tanks, equipment and concrete structures exposed to corrosion, erosion, cavitation, abrasion, chemical attack or the loss of structural integrity on pressurized systems.*



MAXCORROSION



MAXWEAR



MAXFRICTION



MAXABRASION



MAXCAVITATION



MAXCHEMICAL



MAXIMPACT

































































































































































MAXTEMPERATURE



MAXEROSION



# MAXIMIZE YOUR PROTECTION

EXTREME 	SEVERE 	PRODUCT	QUICK REPAIR	ABRASION	COMPRESSION	CORROSION	IMPACT	CHEM ATTACK	IMMERSION	EROSION	ADHERENCE	MACHINABLE	STRUCTURAL REINFORCEMENT
QUICK REPAIR		5511											
		5411											
EROSION COMPRESSION		5412											
		5111											
		5211											
		5311											
HIGH ABRASION		1911											
		1411											
		1311											
		1211											
		1552											
HIGH IMPACT		1711											
CHEMICAL EROSION		2232											
		2361											
		1612											
		2332											
		1512											
		2612											
		1511											
ADHESION		8242											
		8392											
SEALING		MV											
STRUCTURAL REINFORCEMENT		9182											

## APPLICATIONS

Storage tanks, Pipes, Pumps & Valves  
Concrete Floors, Channels & Containment  
Boilers, Furnaces, Heat exchangers  
Concrete & Steel - Structural  
Shafts & Roller  
Turbines, Engines, Reactors & Regenerators  
Chimneys & Flares  
Ship hulls, Superstructures & Propellers

Mixers, Agitators, Grinders & Digesters  
Distillation & Colling Towers  
Slurry Systems  
Hoppers & Silos  
Scrubbers, Precipitator & Dryer  
Mill, Crushers & Conveyors  
Areas affected by High temperature,  
Chemical attack, High wear & abrasion,  
and mechanical impact

# MAXIMIZE YOUR SOLUTIONS

## MAXMETAL Compression and Abrasion Resistant, Metallic-reinforced Polymers

<b>QUICK REPAIR</b>	5511	Ultra-fast curing, metallic-reinforced polymer composite coating for emergency and permanent repair
	5411	Fast-curing metallic reinforced polymer composite for surface repair machinable to close tolerances
<b>EROSION COMPRESSION</b>	5412	Metallic reinforced liquid polymer composite for surface repair machinable to close tolerances
	5111	Machinable metallic reinforced repair and rebuild polymer composite for high compression loads
	5211	Metallic and ceramic reinforced polymer composite for compression and erosion damage repair
	5311	Repair and rebuild metallic and ceramic reinforced polymer composite for erosion-corrosion wear and high compression services

## MAXCERAMIC Abrasion, and Impact Resistant, Ceramic-Reinforced Polymers

<b>HIGH ABRASION</b>	1911	Large particulate ceramic-reinforced polymer composite for extreme abrasion and cavitation environments
	1411	Repair ceramic-reinforced polymer composite for severe sliding abrasion wear caused by coarse particles
	1311	Ultra-fast curing, ceramic-reinforced polymer composite for severe sliding abrasion wear caused by midsize particulate
	1211	Fast curing, ceramic-reinforced polymer composite for severe sliding abrasion wear caused by fine particles
	1552	Ceramic reinforced liquid composite for severe corrosion, erosion, chemical attack, and fine particle abrasion
<b>HIGH IMPACT</b>	1711	Hybrid resin, ceramic-reinforced polymer composite for extreme impact and severe sliding abrasion environments
<b>CHEMICAL EROSION</b>	2332	Ceramic-reinforced liquid polymer composite for extreme wear and chemical attack in dry and immersion applications
	2361	Ceramic-reinforced polymer composite for dry and immersion, extreme corrosion-erosion, and chemical environments
	1612	Sprayable, ceramic-reinforced liquid polymer composite for extreme corrosion-erosion and chemical immersion environments
	2232	Sprayable, ceramic-reinforced liquid polymer composite for severe corrosion, erosion, and chemical attack in immersion environments
	1512	Low drag, ceramic-reinforced liquid polymer composite for severe corrosion, erosion, and chemical environments
	2612	High-density crosslinked ceramic-reinforced liquid polymer composite Sprayable for severe wear and chemical attack environments
	1511	Repair and rebuild ceramic-reinforced polymer composite for moderate abrasion and severe corrosion and chemical protection

## MAXFACTS

**OVER 40  
BILLION DOLLARS**  
ARE LOST EVERY YEAR GLOBALLY  
FOR NOT USING CORROSION  
PROTECTION SYSTEMS.

**THE MINING INDUSTRY  
LOSES OVER  
200 BILLION  
DOLLARS DUE TO  
ABRASION WEAR.**

**60% OF ALL  
PIPELINE  
INCIDENTS ARE CAUSED  
BY CORROSION.**

**MAXPRIMER** Surface Tolerant, Sealing and Intercoat Bonding Coating Systems

<b>ADHESION</b>	8242	Novolac primer and sealer for extreme adhesion on concrete and steel in dry and immersion environments
	8392	Surface-tolerant metallic nanotechnology polyurea primer with extreme intercoat and mechanical adhesion in metal and concrete

**MAXVISCO** Multiuse Sealing and Corrosion Protection Tape Systems

<b>SEALING</b>	MV10	Surface tolerant self-healing viscoelastic for corrosion prevention in underground applications
	MV12	Surface tolerant self-healing viscoelastic for corrosion prevention in high-temperature environments
	MV14	Stretchable self-healing viscoelastic coating for corrosion prevention in underground applications
	MV20	Injectable non-curing surface tolerant viscoelastic filling compound for corrosion prevention
	MV22	Malleable sealing surface tolerant self-healing viscoelastic compound for molding applications
	MV40	Paintable, surface tolerant self-healing viscoelastic coating for aboveground applications
	MV42	Stretchable self-healing viscoelastic coating for corrosion prevention in aboveground applications
	MV50	Paintable, surface tolerant self-healing viscoelastic coating for aboveground tank chime applications
	MV70	Stretchable self-fusion coating integrated with mechanical protection for aboveground applications
	MV90	Stretchable self-healing coating for corrosion prevention in underwater and condensing applications

**MAXCOMP** Pipe and Pressure Equipment, Composite Repair Systems

<b>STRUCTURAL REINFORCEMENT</b>	9182	Engineered composite repair and structural reinforcement system for pipe and pressurized equipment according to the ASME PCC-2 and ISO 24817 standards
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**maxceramic**

**maxprimer**

**maxvisco**

**maxcomp**



[MAXEPOXY.COM](http://MAXEPOXY.COM)