maxepoxy

PROTECTION & REPAIR TECHNOLOGY

MAXIMIZING

ASSET EFFICIENCY

MAXIMIZING
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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.

MAXIMIZE
YOUR PROTECTION

	PRODUCT	QUICK REPAIR	ABRASION	COMPRESSION	CORROSION	IMPACT	CHEM ATTACK	IMMERSION	EROSION	ADHERENCE	MACHINABLE	STRUCTURAL REPAIR	LIVE LEAKS REPAIR	SURFACE TOLERANCE
QUICK REPAIR	5361	●	●	○	●			○	●	○			○	○
	5611	○	●	○	●			○	●	○			○	○
	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		●		●		○		●	○		●		

EXTREME ○ SEVERE ●

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

QUICK REPAIR	5361	Its exclusive ADA (Active Direct Adhesion) technology provides superior adhesion even on surfaces contaminated with oil or water.
	5611	
	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
EROSION COMPRESSION	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

HIGH ABRASION	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
HIGH IMPACT	1711	Hybrid resin, ceramic-reinforced polymer composite for extreme impact and severe sliding abrasion environments
CHEMICAL EROSION	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 inimmersion 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

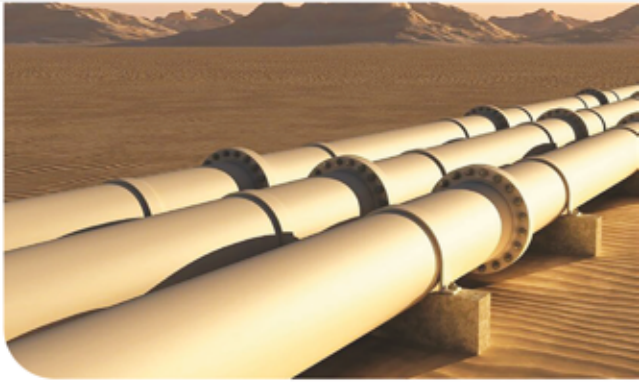
ADHESION	8242	Novolac primer and sealer for extreme adhesion on concrete and steel in dry and immersion environments
	8392	Surface-tolerant metallic nanotechnology polyurea primer with extreme intercoat and mechanical adhesion in metal and concrete

MAXVISCO Multiuse Sealing and Corrosion Protection Tape Systems

SEALING	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

STRUCTURAL REINFOCEMENT	9182	Engineered composite repair and structural reinforcement system for pipe and pressurized equipment according to the ASME PCC-2 and ISO 24817 standards



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 s 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

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 reliabily
- 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 assest

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

MAXIMIZING
ASSET EFFICIENCY

maxmetal

maxceramic

maxprimer

maxvisco

maxcomp

maxepoxy
PROTECTION & REPAIR TECHNOLOGY

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