

The logo for Maxon Technologies features the word "MAXON" in a large, bold, sans-serif font. The "M" and "A" are dark grey, while the "X" is a stylized cross made of four squares (two green, two grey) and the "O" and "N" are green. Below "MAXON" is the word "TECHNOLOGIES" in a smaller, dark grey, spaced-out sans-serif font. The background consists of large, overlapping diamond shapes in light green and light grey.

# MAXON

TECHNOLOGIES

THE WORLD'S LEADING INNOVATOR IN THE CORROSIONS AND COATINGS INDUSTRY

# ABOUT US

# EST. 1975

Built on quality, integrity and the will to succeed, MAXON Technologies operates from its headquarters in Hawthorne, California.

Leveraging decades of experience in construction and maintenance, MAXON Technologies has been developed into an innovator in the corrosion and coatings industry with high performance products designed to give customers unique advantages in time and cost savings.

# PRODUCTS

## Our Products



**CRS**

MAXON-CRS (Corrosion Retardant Solution) is an anti-corrosion primer that possesses the unique ability to penetrate tightly adhered intact rust and pacify the corrosion process, dramatically reducing prep time and costs.



**C2M**

MAXON-C2M (Cement to Metal Bond) is a cement-based, cost-effective, multi-functional coating that functions as a protective layer that can be used as part of a more comprehensive anti-corrosion coating system. C2M dries smooth, creating a strong bridge between rusted metal surfaces and application-specific top coats.

## Our Products



CP

MAXON-CP (Concrete Permeating Solution) is a water-borne, green product that works by permeating concrete. MAXON-CP is not a silicate, sodium silicate or lithium-based product, but a hydrogel



HW

MAXON-HW (Concrete Hardening/Water-Proofing Solution) provides long lasting protection against water infiltration, and deep introduction of a catalytic chemistry that reacts directly to alkali.

## Our Products



MP80

MAXON-MP80 is a multi-function polyaspartic coating, that can be used on interior or exterior surfaces and for protective or decorative purposes



VLS

MAXON-CP (Versatile Liquid Shield) is an advanced solution to stop rust, corrosion and electrolysis. VLS prevents costly premature failure of electric, electronic and mechanical components, tools and equipment.

## Our Products



**H2POXY B**

MAXON-H2POXY B (Hydrophobic, below Water-Line Protection) has been formulated to be prepared and mixed above the waterline, and to be applied beneath the waterline.



**H2POXY A**

MAXON-H2POXY A (Hydrophobic, above Water-Line Protection) is a hydrophobic, above-the-water-line epoxy product that features extreme toughness and adhesion.



## Our Products

The logo consists of the word 'MAXON' in a bold, green, sans-serif font, with 'WB' in a brown, outlined, sans-serif font below it.

### WB

MAXON-WB (Water Barrier) is a clear liquid solution that provides maximum sealant and anti-skid properties to concrete, stucco, block walls, concrete roofs, and walkways.

The logo consists of the letters 'MNP' in a stylized, outlined font. The 'M' and 'P' are green, and the 'N' is dark blue.

### MNP

Engineered using Nano structuring, MNP (MAXON Nano Products) has the ability to penetrate deep into the microscopic pores, holes, cracks, and defects of a painted surface performing a chemical bond to improve hardness, resistance to water permeation, and recover original color and gloss.

## Our Products: CRS



# CRS

CRS (Corrosion Retardant Solution) is an anti-corrosion primer that possesses the unique ability to penetrate tightly adhered intact rust and pacify the corrosion process, dramatically reducing prep time and costs. CRS is a proprietary formula that is more than just a primer, it provides time savings while prolonging the life of topcoats.

CRS is an **ANTI-CORROSION PRIMER** that has the unique ability to be applied directly onto rust.\* CRS contains **OXYGEN BLOCKING PROPERTIES**, which allow it to virtually stop the corrosion process.

CRS provides **EXTREME TIME SAVINGS** by dramatically reducing preparation costs and requirements.

**CRS is a green product and contains a low VOC level of 50 grams per liter.**

**\* tightly adhered intact rust**

**NOTE: MAXON CRS is not a structural or restorative product and should only be used on substrates that are structurally sound.**

## Our Products: CRS



**CRS**

### PLUS POINTS

- Rust penetration up to the white metal.
- “ Fire wall” – no migration.
- One k, long shelf life, fast dry.
- Large coverage (2x30 microns).
- Large windows application (time, humidity and top coat application).
- Coating on existing paint.

## Our Products: CRS

### PREP

- No sandblasting, or grinding to white metal required.
- Pressure wash to remove loose or flaky debris.
- Degrease surface
- Remove degreaser

### APPLICATION

- Can be applied using a brush, sprayer, or roller.
- Can be applied to damp surfaces (no pooling water)
- Light / thin application recommended (1-2 mil DFT)
- Dries in 30 mins to 1 hour

### TOP COAT

- Compatible with all solvent, polyurethane, water base and epoxy paints
- Works extremely well with MAXON VLS, C2M,
- Maxon H2 POXY and Maxon Nano
- Compatible with popular marine topcoats from JOTUN, INTERNATIONAL and others

## Our Products: CRS

### Project: Hull Renovation



**BEFORE**

Extreme pitting, shedding, and biological corrosion

Sandblasting, hand tooling, needle gun, were not to be used due to the thickness of the metal



**AFTER**

Project completed under budget due to application process's simple learning curve

Material usage lessened during the length of the job as the crew got more experienced

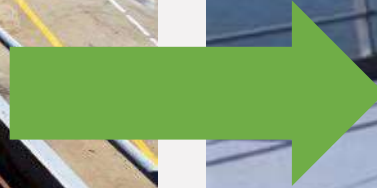


## Our Products: CRS

Project: Cargo Ship Deck



Primary issue: Chloride induced pit corrosion exacerbated by collected salt water



Anticipated schedule: 5 men / 7 days

Actual schedule: 1.5 men / 4 days  
Using CRS and INTERNATIONAL marine topcoat

## Our Products: C2M



# C2M

C2M (Cement to Metal) is a cement-based, cost-effective, multi-functional coating that functions as a protective layer that can be used as part of a more comprehensive anti-corrosion coating system. C2M dries smooth, creating a strong bridge between rusted metal surfaces and application-specific top coats.

C2M resists multiple environmental threats, including: ultraviolet light, abrasion, freeze/thaw, thermal shock, salt, fog, and humidity.

C2M requires minimal hard rust surface preparation while providing high substrate and top coat bond strength.

C2M cleans up easily and quickly with just water and is environmentally friendly and safe.

C2M is flexible, can be bent up to 90 degrees without cracking.

***C2M is a green product and contains a low VOC level of 43 grams per liter.***

**NOTE: MAXON C2M is not a structural or restorative product and should only be used on substrates that are structurally sound.**

## Our Products: C2M



**C2M**

### PLUS POINTS

- Bonding to extreme rusted surface
- “Shield” coat. High abrasion resistance
- Two k, long shelf life, fast dry
- Large coverage (2x50 microns)
- Large windows application (time, humidity and top coat application)
- Coating on existing paint



## Our Products: C2M

### PREP

- No sandblasting, or grinding to white metal required.
- Pressure wash to remove loose or flaky debris.
- Degrease surface
- Remove degreaser

### APPLICATION

- Can be applied using a brush, sprayer, or roller.
- Can be applied to damp surfaces (no pooling water)
- Strong adhesion to metal or rusty metal surfaces
- Recommended (2-4 mil DFT)
- Dries in 15 to 30 mins

### TOP COAT

- Compatible with any and all top coats
- C2M can be used as a top coat
- Works extremely well with MAXON CRS, VLS, Maxon H2Poxy
- C2M is extremely abrasion resistant and flexible

## Our Products: C2M

Project: Offshore Oil Rig



**BEFORE**

Originally assumed that treatment would require sand blasting and hand tooling, but the location of the deck made those procedures cost prohibitive



**AFTER**

CRS and C2M do not require any blasting or hand tooling. All that was necessary was to: power wash, degrease, and power wash again. CRS was then applied. After drying, a C2M was applied as top coat.

## Our Products: CRS

Project: Barge



Dry docking not possible, sandblasting and grinding not allowed due to EPA harbor restrictions

Prep required: pressure wash and degrease. Then apply CRS. When dry, application of C2M and appropriate marine top coat was applied.



Scheduling: 3 men, 3 days, while in operation



## Our Products: CP



**MAXON**  
**CP**

CP (Concrete Permeating) is a water-borne, green product that works by permeating concrete. MAXON-CP is not a silicate, sodium silicate or lithium-based product, but a hydrogel. It is a 1 K material, just stir or shake before using.

It is amorphous in the absence of water and possesses the ability to repeatedly re-hydrate while performing three main functions:

Permeates concrete substrates from 5.5 to 6 inches (up to ~150mm) below the surface.

Removes chlorides and salts from concrete substrate surfaces as well as below.

Creates an aqueous film that protects against water while allowing the concrete to continue to breathe.

**NOTE:** MAXON-CP is not a structural or restorative product and should only be used on substrates that are structurally sound.

## Our Products: HW



**MAXON**  
**HW**

HW (Concrete hardening/Water-proofing solution) is a dual-purpose product. It provides long lasting protection against water infiltration, and deep introduction of a catalytic chemistry that reacts directly to alkali.

It creates alkali hydrates that will become a complex silica hydrogel that bonds within the voids found in concrete.

MAXON-HW will pass around various aggregates and fill empty spaces in the concrete matrix. The alkali will be turned into a natural compound, this will lessen other further reactions.

**NOTE: MAXON-HW is not a structural or restorative product and should only be used on substrates that are structurally sound**

## Our Products: MP80



**MAXON**  
**MP80**

MP80 is a multi-function polyaspartic coating, that can be used on interior or exterior surfaces and for protective or decorative purposes.

MP80 does not require any special primer but can be used with other MAXON products.

Designed to be applied on a variety of metal and mineral substrates, and even certain plastics.

The resulting coating will be UV resistant with flexible properties.

MP80 provides good resistance to pooling water or chemicals commonly found in commercial, household, and pool treatment chemicals, as well as hot tires.

MAXON MP80 is ideal for a variety of high traffic commercial or residential flooring surfaces, and even concrete countertops.

Whether you are looking to finish a concrete surface in a commercial environment where durability is the highest priority or protecting the aesthetics of a surface in your own home, MP80 is more than up to the task.

MP80 may also be used as a finish coat over a variety of other coatings to provide an abrasion resistant and chemical resistant finish with outstanding color and gloss retention.

## Our Products: MP80



**MAXON**  
**MP80**

### PLUS POINTS

- Extreme resistance to abrasion, impact, and general wear and tear
- Extreme hot tire pick-up resistance
- UV-resistant; provides fine optical clarity when used as a clear sealer/finish
- Self priming with excellent bonding strength
- Able to cure at low-temperatures (-30F/-34C); longer cure time needed in low temperatures.
- Can add micro aggregate agents to improve grip and slip reduction
- VOC compliant
- Meets FDA/CFSAN, U.S. Food Code, Physical Facilities criteria as outlined in 6.101.11 Surface Characteristics
- USDA accepted
- Excellent stain and Skydrol resistance
- Random/incidental heat contract: tolerant up to 300 degrees Fahrenheit
- Low solvent odor

## Our Products: VLS



VLS (Versatile Liquid Shield) by MAXON Technologies is an advanced solution to stop rust, corrosion and electrolysis. VLS prevents costly premature failure of electric, electronic and mechanical components, tools and equipment. Whether your need, be it to combat corrosion, insulate a surface, lubricate mechanical components, or any combination of the above, VLS will provide long term protection. VLS Thin and VLS HD industrial films are high performance dielectric, anti-corrosion, and lubricating coatings. VLS cures to form a dynamic, non-hardening, drip-less and self-healing film that displaces/repels moisture and adheres like a "magnet to steel".

Available in THIN (Float Coat), THICK, and HD (Heavy Duty) formulations.

### VLS THICK

For industrial heavy duty applications  
Dielectric to 9,000 kVA

### VLS THIN

Ideal for small to medium applications  
Dielectric to 40,000 kVA  
Industry Canada approved.  
Approved under government design spec MILR-21006 (Ships) Navy Ballast Tank Protective Coating Specification  
Navy and Coast Guard proven

### VLS HD

Heavy Duty, for extreme conditions



## Our Products: VLS

### PREP

- Remove flaky rust scale (needle gun is fine)
- Or pressure wash to remove loose or flaky debris
- Use VLS Thin for smaller cracks or seams before applying VLS Thick

### APPLICATION

- VLS should be room temperature to spray
- Use a 12 to 15 thou. spray tip
- Turn the pressure down until the product sprays gently to reduce misting.
- Double coating thickness on old porous surfaces

### TOP COAT

- Compatible with any and all top coats
- VLS is essentially a liquid film top coat that stays wet
- Works extremely well with MAXON CRS or C2M
- VLS HD is dielectric to 9,000 kVA
- VLS Thin is dielectric to 40,000 kVA

## Our Products: VLS

### Project: Tug Boat Seaspam Foam

VLS THICK was applied in 1991 Picture taken June 2014

New metal is 100% rust free; new welds are still shiny  
Old metal is rust stained but the rust has been stopped 100% for 25 years



## Our Products: H2POXY-B



# H<sub>2</sub>POXY B

H2Pox-B (Hydrophobic below waterline) has been formulated to be prepared and mixed above the waterline, and to be applied beneath the waterline. H2Pox-B is a highly thixotropic, heavy mixture of highly hydrophobic materials with a reactive catalyst for quick cure times under water. H2Pox is a solvent-free high-solids product with excellent wetting capabilities. A hydrophobic liquid resin is used as the primary binding agent. It is both highly adhesive and allows for a bottom to top cure.

To increase long term durability, additional solids have been added for long term underwater durability, and hardness. The catalyst is also hydrophobic by nature and comes from a renewable source. Adhesion to concrete and metal underwater is exceptional.

H2Pox is drawn from a natural, renewable, non-food chain, raw material, basic feed stock. This allows for a comprehensive green product format.

H2Pox-B is a 100% solids product.

***H2Pox-B is a green product and contains 0 VOCs.***

**NOTE: MAXON H2Pox-B is not a structural or restorative product and should only be used on substrates that are structurally sound.**

## Our Products: H2POXY-B



**H<sub>2</sub>POXY  
B**

### PLUS POINTS

- Bonds to extreme rusted surfaces, C2M, CRS.
- Multi purpose coat. High abrasion resistance (0.03).
- Two k, long shelf life, fast dry.
- Above and bellow water application( no humidity limit).
- Large windows application (time, humidity and top coat application).
- Hydrophobic (including oil).

## Our Products: H2POXY-A



H<sub>2</sub>POXY  
A

H2Pox-A (Hydrophobic above waterline) is a hydrophobic, above-the-water-line epoxy product that features extreme toughness and adhesion.

H2Pox-A retains zero water when left submerged in salt water for up to 12 days. H2Pox-A will not react to mist, humidity, rain, or water spills even while in an uncured state.

While typical epoxies exhibit a loss of mass of 25 to 35 mg after 1000 cycles. H2Pox-A tested at only a 3 mg loss of mass after the same tests. H2Pox-A has passed hot-tire tests and can be used for hydro-static pressure.

H2Pox-A can be successfully applied to wet concrete and wet metals. It will disperse water and firmly attach to the substrate.

H2Pox is drawn from a natural, renewable, raw material basic feed stock. This allows for a comprehensive green product format.

H2Pox will withstand damp fog, rain and accidental water spills on the product even before fully cured.

H2Pox-A is a 100% solids product.

It is resistant to a wide range of industrial chemicals.

Superior adhesion: 800 PSI/5.51 MPa on non-profiled metal.

Effective as a floor coating and suitable for marine to heavy industry applications.

***H2Pox-A is a green product and contains 0 VOCs.***

**NOTE: MAXON H2Pox-A is not a structural or restorative product and should only be used on substrates that are structurally sound.**



## Our Products: H2POXY-A



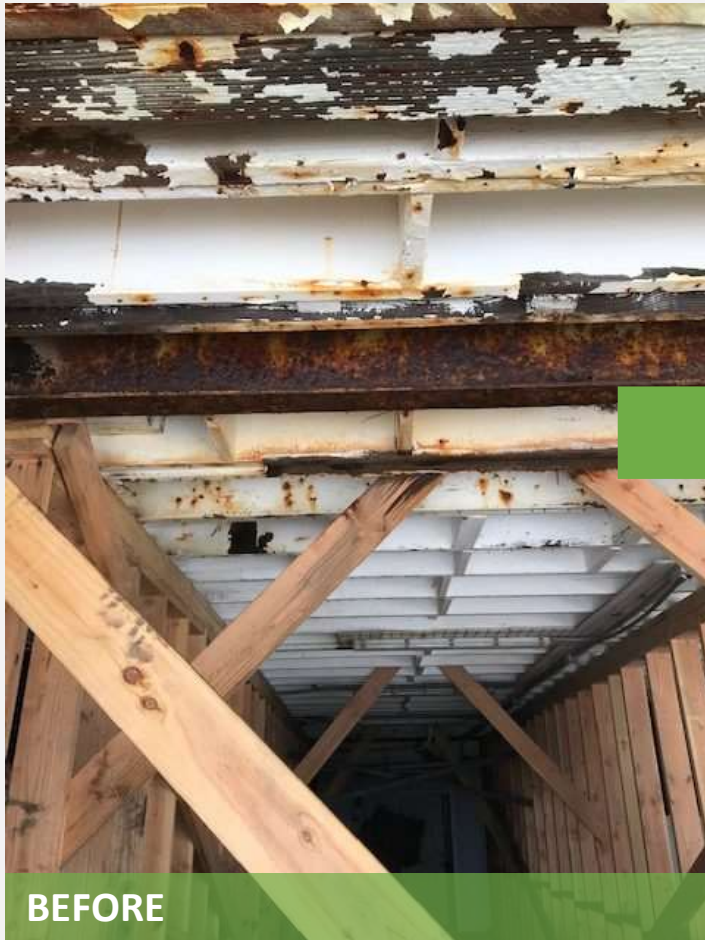
H<sub>2</sub>POXY  
A

### PLUS POINTS

- Bonds to extreme rusted surfaces, C2M, CRS.
- Multi purpose coat. High abrasion resistance (0.03).
- Two k, long shelf life, fast dry.
- Above and bellow water application( no humidity limit).
- Large windows application (time, humidity and top coat application).
- Hydrophobic (including oil).

## Our Products: H2POXY-A

Project: Oceanfront Deck



## Our Products: WB

# MAXON

## WB

The advantage of MAXON-WB (Water Barrier) is the ability to provide a durable non-skid water-resistant product that still allows the substrate to breath. It will not change the look of the coated substrate after drying, nor be affected by freeze thaw cycles, and will prevent efflorescence on concrete substrates. MAXON-WB is a liquefied resin silica. It can be used after other permeating products and cures as a water proofing, non-skid agent. After MAXON-WB hardens it will be abrasion resistant and creates a long-lasting barrier for concrete substrates.

**NOTE: MAXON-WB is not a structural or restorative product and should only be used on substrates that are structurally sound.**



## Our Products: MNP

Engineered using Nano structuring, MNP (MAXON Nano Products) has the ability to penetrate deep into the microscopic pores, holes, cracks, and defects of a painted surface performing a chemical bond to improve hardness, resistance to water permeation, and recover original color and gloss.



### TECHNICAL CHARACTERISTICS

- One component (1K) formulation – reduces labor, preparation, and application time & costs
- High surface area coverage (333 ft<sup>2</sup> / 31 m<sup>2</sup> @ 2 mil DFT per gal / 3.8L) – reduces material volume requirements
- Extends in-service life of newly or highly oxidized painted surfaces (minimum 120 months/10 years)
- Restores original color & gloss, increases surface hardness,
- provides extreme UV resistance
- High scratch resistance (> 4H pencil hardness)
- Extreme chemical resistance (>1,500 MEK rubs)
- Extreme weathering resistance (98 – 100% gloss retention)

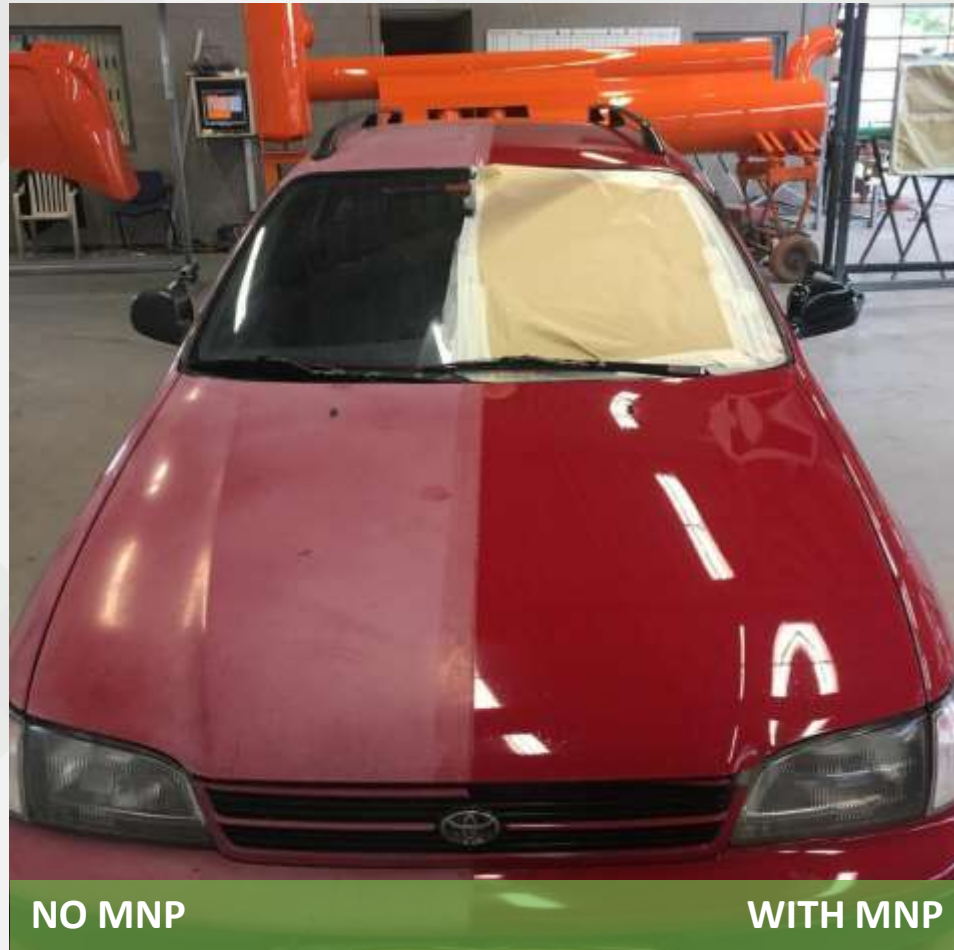
## Our Products: MNP

Project: Restoration and Renovation



## Our Products: MNP

Project: Restoration and Renovation



# MAXON

## TECHNOLOGIES

THE WORLD'S LEADING INNOVATOR IN THE CORROSIONS AND COATINGS INDUSTRY

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