

**MARITIME MCOATING'S PRODUCTS - USES AND APPLICATIONS**

PRODUCT AND PRODUCT MIXES	DESCRIPTION AND FUNCTION	SURFACE TYPES	EXAMPLES	PROS
MC_RUST GUARD	Urethane coating to stop and prevent corrosion	Carbon or steel surfaces partially or entirely covered in rust which are not meant for constant immersion	Above-water hull, bollards, structural elements in steel, crains' structures, pipelines, tanks	<ul style="list-style-type: none"> <li>- Performance and duration superior to all primers or rust solvents. Passed 9000 hours test in salty water.</li> <li>- No sandblasting necessary.</li> <li>- Can be applied on rust or existing paint.</li> <li>- No primer necessary</li> <li>- No protective finishing necessary.</li> <li>- Can be painted with color of choice</li> <li>- MED BV Lloyds ABS</li> </ul>
MC_RUST GUARD + MC_MOIST RUST GUARD	System for corrosion prevention	Carbon or steel surfaces, either new or covered in rust, which are meant for permanent or long-lasting immersion	Underwater hull, pipelines prone to condensation, tanks for drinking water	<ul style="list-style-type: none"> <li>- Performance and duration superior to all primers or rust solvents.</li> <li>- No sandblasting necessary.</li> <li>- Can be applied on rust or existing paint.</li> <li>- Can be painted with color of choice</li> <li>- Suitable for surfaces in permanent contact with drinking water.</li> <li>- MED BV Lloyds ABS</li> </ul>
MC_RUST GUARD + MC_MOIST RUST GUARD + MC_SURFACE COAT	System for corrosion arrest and prevention	Carbon or steel surfaces, either new or covered in rust, which are meant for cyclical immersion or low depth	Underwater hull down to 2 meters below waterline, elements subject to cyclical immersion	<ul style="list-style-type: none"> <li>- Performance and duration superior to all primers or rust solvents.</li> <li>- No sandblasting necessary.</li> <li>- Can be applied on rust or existing paint.</li> <li>- Can be painted with color of choice</li> <li>- MED BV Lloyds ABS</li> </ul>
MC_RADIATION GUARD + MC_SURFACE COAT	Coating system for protection of superstructure against solar radiation Reduces Radar infrared tracking	Steel or fiberglass surfaces normally heated by solar radiation	Above-water hull, crew cabins, decks, silos and containers for refrigerated precuts	<ul style="list-style-type: none"> <li>- Reduction of surface temperature</li> <li>- Reduction of heat caused</li> <li>- Reduced exploitation and usage time of refrigeration and air conditioning systems</li> <li>- Superior performance and duration</li> <li>- Stable under UV radiations</li> <li>- Easy to wash.</li> <li>- MED BV Lloyds ABS</li> </ul>

PRODUCT AND PRODUCT MIXES	DESCRIPTION AND FUNCTION	SURFACE TYPES	EXAMPLES	PROS
MC_RUST GUARD + MC_EXTREME SURFACE COAT	System for the protection of surfaces against extreme chemical aggression	Steel surfaces exposed to aggressive substances and compounds exposed, even for surfaces meant for permanent or long-lasting immersion	Ballast tanks, floors exposed to acid substances, bilges .	<ul style="list-style-type: none"> <li>- Superior performance and duration</li> <li>- No sandblasting needed</li> <li>- Can be applied over rusted surfaces or pre-existing paint.</li> <li>- Can be painted with color of choice</li> <li>- MED ABS Lloyds</li> </ul>
MC_THERM300	Thermal insulation for medium temperature, water-based with ceramic insulation particles .	Thermal insulation of metal surfaces up to 250°C.	Steam pipelines (including valves and flanges) furnaces, heated tanks,	<ul style="list-style-type: none"> <li>- Easy to apply, also on irregular surfaces on which traditional insulation is impossible</li> <li>- Does not contain fibers dangerous for health</li> <li>- Can be applied on hot surfaces (so, no system shutdown needed)</li> <li>- Stable Performance across time (does not collect water vapor)</li> <li>- Effectively protects underlying surface (prevents corrosion).</li> <li>- MED ABS Lloyds</li> </ul>
MC_THERM500	Thermal insulation for high temperature, water-based with ceramic insulation particles	Thermal insulation of metal surfaces up to 500°C.	Steam pipelines (including valves and flanges) furnaces, protective casing.	
MC_DAMP	Viscoelastic coating, water-based single component	Insulation of non-treated aluminum and steel internal surfaces -	Floors, stairs, decks, posts, beams, all vibrating surfaces,	<ul style="list-style-type: none"> <li>- Alternative to tiles</li> <li>- Sound damping</li> <li>- Anti-condensation</li> <li>- Prevents rust</li> <li>- MED BV Lloyds</li> </ul>
MC_MOIST	Waterbase coating with ceramic silicone fillers	Anti-condensation treatment without preparation for aluminum and steel	Any structure exposed to variation in temperature	<ul style="list-style-type: none"> <li>- Anti-condensation</li> <li>- Prevents corrosion</li> <li>- Moderate sound damping</li> <li>- MED BV</li> </ul>
MC_SPRAYFIX G	Glass wool Thermal insulation, Acoustic insulation Anti-condensation Type Confort	No preparation needed Can be applied on steel and aluminum	Thermal insulation, sound insulation, anti-condensation for interior use	<ul style="list-style-type: none"> <li>- Can be sprayed and then padded</li> <li>- High degree of thermal insulation</li> <li>- High degree of acoustic insulation</li> <li>- MED DNV Lloyds BV</li> </ul>

PRODUCT AND PRODUCT MIXES	DESCRIPTION AND FUNCTION	SURFACE TYPES	EXAMPLES	PROS
MC_SPRAYFIX S	Stone wall Thermal insulation, Acoustic insulation Anti-condensation <b>A60 fire-resistant</b>	No preparation needed Can be applied on steel and aluminum	Thermal and acoustic insulation, anti-condensation for engine rooms and bulkheads	<ul style="list-style-type: none"> <li>- Can be sprayed and then padded</li> <li>- High degree of thermal insulation</li> <li>- High degree of acoustic insulation</li> <li>- A60 Fire resistant</li> <li>- MED DNV Lloyds BV</li> </ul>
MC_FIRESTOP	Intumescent coating <b>A60 Fire resistant</b>	No preparation needed Can be applied on steel and aluminum	Fire resistance with 9mm thickness, can be sprayed on bulkheads in hard to reach spaces	<ul style="list-style-type: none"> <li>- Can be sprayed</li> <li>- A60 BV</li> <li>- Maximum thickness: 9 mm</li> </ul>
MC_FIRESTOP PASTE	FIRE CLASS 0 COATING For CABLE protection or instrument fire protection	Directly over the cables, in the surface needed	Protect cable and pipes in the A60 walls.	<ul style="list-style-type: none"> <li>- Apply by hand directly on the surface you need and protect for over hours without spread flame and smokes over the area.</li> </ul>
MC_ANTIFOULING SYS	Innovative UNIQUE Eco-friendly , high resistant long lasting anti-fouling with 10 years resistance and use.  AVAILABLE in 4 COLORS: - black - grey - dark blue - dark red	Aluminum Steel Polyester  Need preparation on new or old surface.  Can be applied over old fouling systems after a previous wash. (See operational instructions)	General Procedure:  - primer : 2 x 105 micron - midcoat: 1 x 75 micron - topcoat: 1 x 110 micron  (AVERAGE APPLICATION indicated and valid for all material)	<ul style="list-style-type: none"> <li>- Free of Biocides and heavy metals</li> <li>- Good water penetration ability (+20% speed)</li> <li>- Excellent resistance to mechanical damage</li> <li>- Very good mechanical properties (ABRASION, CORROSION and CAVITATION RESISTANT)</li> <li>- Less fuel consumption for same speed</li> <li>- Longer duration reducing the operating CYCLE</li> <li>- REDUCE SERVICE TIME, REDUCTION OF THE DRY DOCK AND REPAINT COSTS.</li> <li>- Weeds and barnacles don't find attachment and don't grow under the layer and easily to be remove just with hand</li> <li>- Marine Certificate</li> </ul>