

*Sound Damping, Fire Insulation,  
Anticodense, Thermal Insulation, Energy Saving  
Fouling Release and Antifouling System*

*Anticorrosion, Water Proof, Industrial Floors,  
Antimicrobial Technology  
Polyurea and Specials*



		OFFSHORE INDUSTRY	MARINE	YATCH	BUILDING
THERMAL ACOUSTIC INSULATIONS	<b>MC_DAMP / 3100 / 3101</b>	×	×	×	
	Sound Damping / Anticondense - max 100°C				( $\lambda=1,564$ W/mk)
	<b>MC_X9</b>	×	×	×	
	Anticondense - max 100°C				( $\lambda=0,0756$ W/mk)
	<b>MC_THERMAL Insulation Paint - HEALTHY HOUSE</b>	×	×	×	
	Thermal Insulation Confort Paint for Interiors in building				( $\lambda=0,0673$ W/mk)
	<b>MC_THERMAL Insulation INDUSTRIAL</b>	×	×	×	×
	Thermal Insulation - 200°C / 300 °C / 500°C				( $\lambda=0,0236$ W/mk)
	<b>MC_FIRE INSULATION COATING</b>	×			
	FIRE PROOF Coating (waterbase intumescent coating)				CLASS 0
<b>MC_RADIATION GUARD</b>	×	×	×	×	
R and Solar Reflective Barrier - class A / 0				( $\epsilon = 0.15$ )	
<b>MC_SPREFIX S INSULATION A60 / SPREFIX G</b>	×	×	×	×	
Thermal Acoustic/Fire/Anticondense Insulation A60 - max 1100°C				( $\lambda=0,0352$ W/mk)	
ANTICORROSION	<b>MC_GRIPCOAT</b>	×	×		×
	Primer at 90% SV - multifunctional for any surface.				
	<b>MC_2017 Uniprimer</b>	×	×	×	×
	Primer or finish coating for rusted, dry or wet surfaces 100% SV				
	<b>MC_2017 GF Uniprimer</b>	×	×	×	×
	GLASS FLAKES				
	Primer or finish for rusted, dry or wet surfaces 100% SV with Glass flakes				
<b>MC_SURFACE HP</b>	×	×	×	×	
Surface protection for chemical, UV protection, salt enviroment / anti-graffiti					
<b>MC_LUXTOP 2080</b>	×	×	×		
Top Coating Poliuretane UV Resistant for EXTREME EXTERNAL					
SPECIALS	<b>MC_OXISHIELD/ Surface / Windows / Wood / Solar Panels/ Metal</b>	×		×	×
	Self – Cleaning Photocatalytic Coating, Air Cleaner, Antivirus, Anti microbic				
	<b>MC_ELASTOCOAT / Refelctive / Green Roof</b>				×
	Water-proof membrane for FLAT ROOF				(Elasticity 600%)
	<b>MC_POLYUREAS</b>	×		×	×
	Flooring, Protection, Swimming pool, Variouse - HOT or Manual application				
	<b>MC_OCEANKEEL - Rina / Lloyds Certified.</b>	×	×	×	
Innovative Technology Fouling Release System 10 years				LIFE SPAM	
<b>MC_WATER BASE PUR high gloss - RINA Class for internal use</b>	×	×	×	×	
High Gloss, Hight Performance , Top PU Finish 2K - Ral upon request					

The thermal acoustic insulation coating and the fire insulation coatings are mostly certified MED / IMO and suitable for application on steel, aluminum, wood, composite, carbon fibers. When applied directly to decks or bulkheads, in the naval, off-shore and refinery our systems don't use pins or primers. Our coatings from the family MC\_THERM based on high qualified Technology and with multi shaped ceramic molecules and the sprayable fibers have several advantages:

- Eliminate CONDENSATION
- Prevent CORROSION under the insulation (CUI)
- Reduce energy consumption
- Reflect the heat from sun / IR irradiation
- Can be an effective alternative to rockwool
- Enache the life time durability of the structures
- Protect from Fire

They can be widely used in the yachting, food processing, building, petrochemical and off-shore industry. Our products for the reduced application time, the yield, duration over time and a high ROI (Return on Investment) become very interesting and appreciated World Wide.



**CORROSION PROTECTION AND WATERPROOFING**

The latest generation of coatings in **CORROSION PROTECTION** and **WATERPROOFING** have had relevance at international level for the solutions to problems in the building, nautical and refinery industry.

Our coatings can be applied:

- directly in presence of moisture. Certified for food contact can be used in drinkable water tanks.
- Super elastics membranes coatings can be used in order to be able to respond to prevent, solve leakage on roofs and in basement.
- Combined with Thermal Reflective coating we can assure Energy Saving during the summer as winter time.



**SPECIAL PROCESS & APPLICATIONS CONSULTING**

As a result of our experience and technical skills, we are able to support technically our clients during any project on going in order to follow all the stages of process and be able to give complete assistance during critical phases and ensuring the completion of the work. We organize professional trainee in order to be able to follow the preparation of clients crews:

- Surface Preparation: steel, aluminum and concrete.
- Application of special protective coating with Airless - Bi-mixer - Hot Sprays.
- Treatment hulls, underwater parts and splash zones - custom work-shops on and off-shore.
- Thermal Insulation and Anti-condensation coating application : Industrial , Yacht , Naval, Offshore and Buildings.
- Damping and Acoustic Insulation: Industrial, Yachts, Marine, Offshore and Buildings.
- Air Quality Measurement and Nano Coating Application Support
- Coating, Advise, Consulting, Inspection
- NACE - Inspectors Available

## SPECIAL COATINGS HIGH-LIGHTS

### FOULING RELEASE SYSTEM - MC OCEANKEEL

Unique Non-Toxic Eco-Friendly Fouling Release Coating System **MC OCEANKEEL** based on an extreme hard and smooth coating. MC OCEANKEEL reduces the adhesion strength of marine organisms, whilst immersion of the top top-coating into the water enhances the working of the technology. The coating remains smooth and enables good water penetration.

This surface morphology combined with the paint formula provides **MC OCEANKEEL** its easy easy-to-clean properties.

**MC OCEAKEEL** is good for an eco-friendly approach to the fouling problem in the immerse surfaces:

- Hard SMART Resin surface easy to apply
- 100% Solid.
- VOC Free.
- Superior fouling release System
- NOT Contains Heavy Metals, Biocides, Copper and TBT.
- No Silicones.
- Not ablates
- Doesn't kill micro micro-organism useful for marine life.
- Significantly reduces fuel consumption.
- Lowes roughness on the market
- Increase Speed by as much as 8-10%.
- Provides Release from 6 knots in normal conditions.
- Hovercraft effects.
- Speed up flow of water in power plants
- Expected life span 10 year.
- Decreases Maintenance Costs & Downtime.
- Reduce Dry Dock Times and Costs.
- Totally Compliant with the Latest International Environmental Regulations January 2018.
- In combination with Ultrasound Systems gives a proven maintenance during long stops.
- Uses of soft brush and sponges endures the functionality and performance.

For more info check [www.ocean-keel.com](http://www.ocean-keel.com)



## MARINE COMPLEMENTARY PRODUCTS

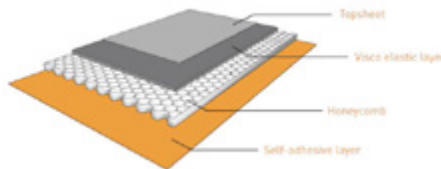
### PHONKILLER M2C

One-component damping paste for a constrained layer configuration (sandwich system) with viscoelastic damping properties for reductions in structure-radiated airborne sound.



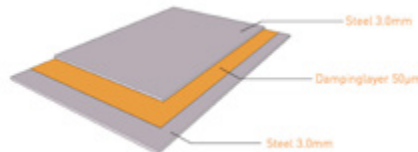
### HEXANAVAL

alu / steel sandwich self-adhesives sound damping plates  
HEXANAVAL ALLUMINIUM  
HEXANAVAL STEEL



### BONDAL

alu / steel sandwich sound damping panels for finishing in engine rooms or technical areas top coated in ral color.  
BONDAL ALUMINIUM  
BONDAL STEEL



## COMPANY

**MCoating International BV**, is a Dutch Dutch-Italian Company, provides **Advanced Coatings Solutions** dedicated to *Thermal, Acoustic Insulation, Anticondensation, Waterproofing, Antifouling, Fire Proof, Anti Corrosion*.

Some specialties as *Hot, Cold Polyureas and Nanotechnologies* coatings are some of our latest technologies available.

Our products are technical solutions for reduced application time, yield, duration over time and a high *Return on Investment*.

Application is followed by our consultants ensuring execution, instructing applicators to third parties. Many of our products are developed in an environmentally friendly base because they are mostly *VOC FREE, WATER BASED, TOXIC FREE, SOLVENT FREE*.

Our market is focused on the world of **Shipbuilding, Yachts Industry, Industrial, Civilian buildings**.

Our main office is located in Utrecht but we have production plants with who cooperate over all Europe.

We offer technical advice in order to search for the best solutions to clients issues, we offer **INTEGRATED TAILOR MADE COMPLETE PROJECTS** and a number of options based on our experience and knowledge on the use of our coatings.