

1230 mCoat™ IM HT



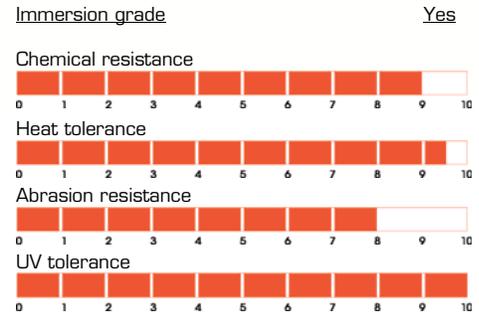
High temperature grade, titanium modified, silicone-epoxy hybrid coating

MCOR™ 1230 (mCoat™ IM HT) is an ultra-high performance silicone-epoxy hybrid coating system which combines the advantages of both technologies. Formulated with bifunctional curing agents, the dual nature of its reactivity allows the system to bind chemically to both inorganic materials and organic polymers thus creating ultra-high crosslink density, specifically engineered to resist up to 230 °C (446 °F) immersive or pressurized high temperatures, and protect against aggressive, concentrate chemicals.

mCoat™ IM HT will:

- Resist temperature exposure up to 230 °C (446 °F)
- Provide excellent chemical and abrasion resistance
- Have long-lasting sheen, protection and UV stability

MCOR™ incorporates titanium and phyllosilicates (sheet-like arrangement of atoms) into the mCoat™ IM HT to enhance temperature tolerances, abrasion resistance, chemical resistance, and hold long-term high gloss retention even under extreme U.V. environments.



* MCOR rating system for cross-comparison of similar products within same MCOR Series and to other similar products.



mCoat™ IM HT applications include:

- Heated fluid systems and pumps
- Heat exchangers and regenerators
- Separators/centrifuges/knock-out drums
- Scrubbers and absorbers
- Heaters, boilers and return tanks
- Steam and condensation systems
- Economizers and preheaters
- Distillation units
- Isolation spools



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1230

mCoat™ IM HT



MCOR™ 1230 mCoat™ IM HT is:

A UNIQUE, “NEXT GENERATION” HIGH TEMPERATURE COATING + LINER

mCoat™ IM HT is a truly unique, next generation coating for immersion grade high temperature applications. Many high temperature grade coatings in the market are formulated as thin films with inherent rigidity, making them either difficult or impossible to use as a sealed coating or liner. MCOR™ scientists however, were able to design the mCoat™ IM HT with a reinforced semi-flexible film and medium-to-high build dry film thickness, thus providing immersion grade sealing capability for enhanced corrosion resistance and barrier coating needs without sacrificing heat tolerances. With its ultrahigh crosslink density and plated matrix, these bound sheet arrangements provide reinforcement to the material with features that are chemically inert, dielectric/insulating, flexible, reflective, refractive, and resilient.

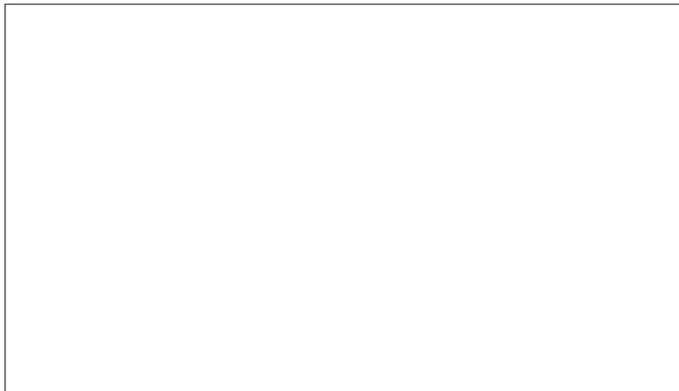
BUILT FOR OPTIMIZED VERSATILITY

mCoat™ IM HT is an ultra-high solids coating, simple to use, forgiving, and cures to a hardened finish for barrier protection in industrial high temperature, wear and chemical areas. Often sought for internal component coatings of high velocity fluid flow areas, steam areas, or for corrosive storage and transport systems; the coating also is utilized for troughs, vessels, and other structures where harsh attack from heat, abrasion, chemicals and corrosion often occur. Formulated with rust/corrosion inhibitors and incredible U.V. resistance, the system is also popular for industrial-grade exterior surface protection.

mCoat™ IM HT features:

- Immersion-grade
- High heat tolerance
- High abrasion resistance
- High level chemical protection
- Thermal cycle performance
- Simple to apply
- Ultra-high solids (low VOCs)
- Surface tolerance
- Incredible UV resistance
- Long term gloss retention
- Built-in rust/corrosion inhibitors

For more information, please contact your local MCOR™ consultant



ABOUT MCOR

The MCOR product line, trademark and brand are managed and manufactured by Epoxytec Intl Inc. Epoxytec Intl Inc. is a manufacturer of industry specific product lines to combat corrosion by restoring and protecting physical infrastructure worldwide. These product lines are supplied through a portfolio of distinct brands in order to solve corrosion issues of each industry worldwide. For more information regarding both, please visit mcor.net and epoxytec.com respectfully.

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