MMFX$_2$ STEEL

TODAY'S STEEL STANDARD™

HIGH-STRENGTH & CORROSION RESISTANCE

Unmatched Value from Beginning to End

High-strength and corrosion-resistant MMFX$_2$ reinforcing steel solves difficult design and construction challenges. Utilizing MMFX$_2$ Grade 100 steel can relieve rebar congestion, lower material requirements, and save construction time and labor. Its uncoated corrosion protection means no additional cost from special handling, coating inspection and repair.

High-Strength Rebar – With Ductility

The unique formulation of MMFX$_2$ reinforcing steel offers corrosion protection and the capability to achieve the 100/120 ksi yield strengths of the (ASTM A1035) specification while maintaining excellent ductility. The recent changes to the AASHTO LRFD Bridge Specifications and the new ICC-ES AC 429 criteria open the door for engineering bridges and other structures with Grade 100 steel. Utilizing the high strength properties of MMFX$_2$ steel can lower initial material costs, solve rebar congestion issues and save construction time and labor costs.

Corrosion Protection – With No Coating

Uncoated MMFX$_2$ provides all of its corrosion protection benefits without the labor intensive special handling requirements, field coating inspections and repairs, or special fabrication needs of coated rebar. It features all the ease of construction found in standard black bar – with all the benefits and superior performance of a technically advanced product.

100+ Years of Service Life – the MMFX$_2$ Advantage

MMFX$_2$ reinforcing steel has been independently proven to exceed the 100-year service life without repair requirement that is now being specified in bridge and infrastructure projects by many DOTs and public agencies in North America. Forward thinking owners are realizing that historical rebar options are not standing the test of time in corrosive environments and they are working to avoid the burden of high maintenance costs. Solid stainless steel rebar can also meet this lifetime requirement but the higher price is seldom justified when MMFX$_2$ rebar provides the 100+ year solution at significantly lower costs.

Smart Money – Life Cycle Cost

Prudent owners and experienced design and construction professionals look at more than just the initial cost of materials when deciding on the best reinforcing steel options. Using Life Cycle Cost Analysis, many public agencies have found that MMFX$_2$ rebar can save them and their taxpayers millions of dollars in future rehabilitation costs when compared to standard or epoxy coated rebar. It does not take a lifetime to realize these savings. The benefits of MMFX$_2$ are realized in the first 20-30 years when repairs would be required if traditional rebar products were used.

Up to 2X Stronger

Uncoated Corrosion Protection

100+ year Service Life

Lowest Life Cycle Cost

Industry Standards
ASTM A1035
AASHTO MP18

MMFX$_2$ Reinforcing Steel

Proven to lower costs and reduce build times while solving some of the most difficult design and construction challenges.

For more information
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