



# PERIMEPRIME®

## STRUCTURAL STEEL PROTECTION

Series 394 PerimePrime is a single-component, moisture-cured, MIO/zinc-filled primer that tightly adheres to steel surfaces. PerimePrime reduces the risks of corrosion and, when combined with various high-performance topcoats, provides overall protection to steel substrates in exterior and interior exposed environments. Its characteristics are ideal for shop and field applications and it offers substantial long-term cost savings over traditional primers. Formulated with the highest quality ingredients, PerimePrime has protected steel structures across the world for decades.

below: Baker Ferguson Fitness Center  
Walla Walla, WA

### APPLICATOR-FRIENDLY

PerimePrime – having only one-component – requires less preparation when mixing, saving shops time and money compared to two-component primers. Formulated to be easy-to-apply, the primer can be brush, rolled, or sprayed, and can be applied down to 35°F (2°C). Once applied, PerimePrime dries to handle quickly, a major benefit for a fabricator's throughput.

While being fabricator-friendly, PerimePrime also eliminates three of the typical hold-backs of a primer, including fireproofing, concrete imbeds, and bolted connections. The coating also meets **AISC Class-B Slip Requirements** over properly prepared steel.\*

### TRIPLE PROTECTION FILM

PerimePrime offers corrosion protection threefold the average primer. Tested in the field and laboratory, this product out-performs typical prime coats, offering a film of triple protection including:

- Moisture-cured urethane resin
- Micaceous iron oxide (MIO) platelet barrier
- Zinc for increased moisture resistance

\*Contact your local Tnemec coatings consultant for more information.

## SPECIFIER-FRIENDLY

The versatility of PerimePrime makes it an ideal choice for Division 5: Metals (Section 05 05 13) specifications. And, because it can be applied beneath a variety of topcoats, fire-proofing materials, and concrete imbeds, the primer can be specified on virtually any steel project.

PerimePrime carries with it a UL classification, the first primer classified in accordance with **UL 263 (ASTM E 119)** as tested with the most widely specified fire-resistive materials. The MIO/Zinc-filled primer also provides outstanding corrosion protection as demonstrated with **ASTM B 117 (Salt Fog Test)**.

During this standardized corrosion test – where coated panels are subjected to an accelerated corrosive environment – PerimePrime has been exposed for over 10,000 hours and shows excellent results.

The specifier-friendly primer provides better corrosion resistance than a barrier epoxy primer but remains less costly than a zinc-rich option. The coating's one-year maximum recoat window helps eliminate costly jobsite change orders, protecting the steel while it awaits topcoating and installation.

## BENEFITS OF PERIMEPRIME

- Application- and specification-friendly
- Meets AISC Class B Slip requirements over properly prepared steel
- Compatible with various fireproofing materials
- Bond testing with fireproofing (ASTM E 736)
- Triple corrosion protection (Urethane/MIO/Zinc)
- Excellent corrosion resistance (ASTM B 117)
- Versatile topcoat compatibility
- Low-temperature and fast-cure capabilities
- Extended recoat window

below: Boston University Hancock Student Village  
Boston, MA

*INNOVATION IN EVERY COAT™*