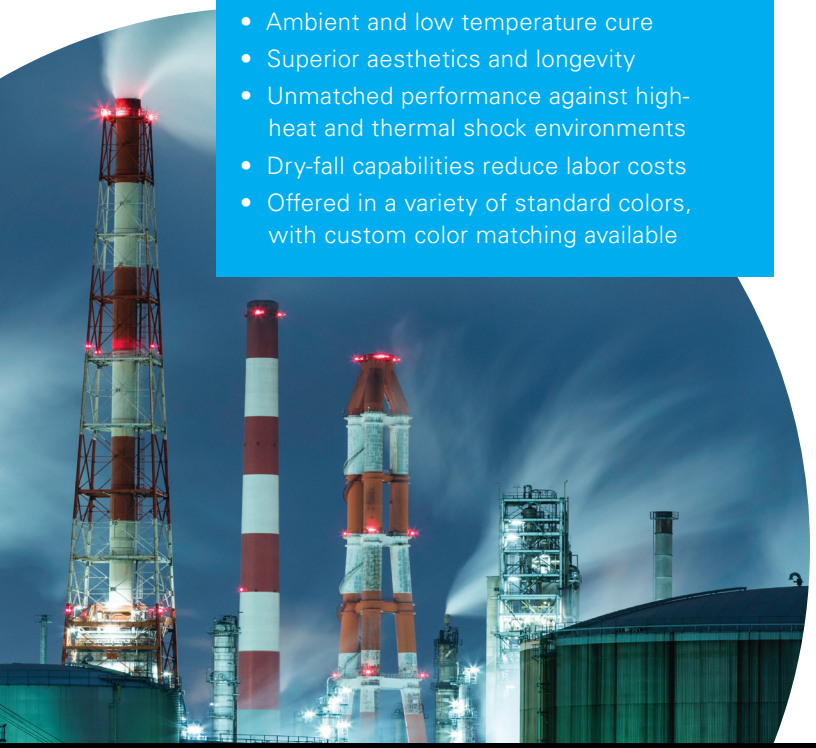
ENDURA-HEAT™

HIGH-TEMPERATURE COATINGS

Formulated to provide durable protection for surface temperatures up to 1200°F (649°C), the Endura-Heat line of coatings from Tnemec Company offers unmatched performance against atmospheric exposures, thermal shock and the causes of corrosion under insulation (CUI). This line of primers, direct-to-metal coatings and topcoats resists corrosion and heat when applied to steel and stainless steel surfaces in a wide variety of exposures. The innovative Endura-Heat products are widely used in chemical processing plants, refineries, steel mills, power plants, and pulp/paper plants, and deliver superior aesthetics while reducing labor costs and plant shutdown times. Easily applied and formulated for longevity, Endura-Heat coatings protect processing facilities and their vital infrastructure and equipment.

ENDURA-HEAT BENEFITS

- Excellent corrosion protection
- High film-build options
- Ambient and low temperature cure
- Superior aesthetics and longevity
- Unmatched performance against high-heat and thermal shock environments
- Dry-fall capabilities reduce labor costs
- Offered in a variety of standard colors, with custom color matching available



ENDURA-HEAT PRODUCTS

Series 1501 Endura-Heat Primer is a corrosion-inhibitive, silicone alkyd primer that protects steel in service environments up to 600°F (315°C). Fast, ambient cure allows topcoats to be quickly applied and returned to service with hot application option up to 400°F (204°C).

Series 1505 Endura-Heat ZN is a high-performance, zinc-rich, silicone copolymer that offers galvanic protection for extended corrosion protection up to 1000°F (538°C). An excellent primer for use with selected topcoats as part of a corrosion- and heat-resistant coating system.

Series 1525 Endura-Heat DTM is a direct-to-metal, corrosion inhibitive, aluminum silicone copolymer for steel substrates that reach elevated temperatures up to 1200°F (648°C). Its fast-cure capabilities allow for quick multi-coat application and return to service.

Series 1528 Endura-Heat DTM is an advanced multipolymeric coating that provides high-performance coating protection to steel and stainless steel substrates up to 1200°F (648°C). The coating is built to withstand severe thermal cycling (-300 to 1200°F) and is an excellent choice to combat corrosion under insulation (CUI).

Series 1552 Endura-Heat is an acrylic silicone topcoat available in a wide range of colors using thermally stable pigments for temperatures up to 500°F (260°C). This topcoat is used as the finish to high-temperature coating systems, imparting excellent resistance to weathering and UV-light degradation.

Series 1556 Endura-Heat is a modified silicone copolymer topcoat formulated for color stability and substrate protection in elevated temperatures up to 1000°F (538°C). Outperforms conventional high-temperature topcoats with exceptional resistance to thermal cycling and easy-to-handle cure requirements.

Series 1558 Endura-Heat DTM is a versatile silicone copolymer coating applied direct-to-metal or as a topcoat. Its high-build characteristics and corrosion-inhibitive pigments provide corrosion protection to steel substrates up to 1000°F (538°C) and its color options and superior adhesion to marginally prepared substrates make it an excellent choice throughout industrial facilities.

STANDARD TOPCOAT COLORS

10HT White

16HT Tusk

24HT Camel

25HT Canyon

32HT Rhino

35HT Sharkskin

38HT Gunpowder

44HT Winter Green

47HT Pine

49HT Safety Green

54HT Powder Blue

59HT Safety Blue

69HT Safety Red

79HT Safety Orange

89HT Safety Yellow

DIRECT-TO-METAL COLORS

02HT Gray

08HT/09HT Aluminum

91HT Black

NOTE: Colors represented are digital reproductions of actual standards and will vary in appearance due to differences in monitor and video card output. These digital representations should not be used to finalize color selection(s). Please contact your local Tnemec Coatings Consultant for color-accurate samples or for assistance with suitable primer and finish coat selections and color matching.

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