

Thermaline® 440



Color and protection at elevated temperatures.

PRODUCT DETAILS Thermaline 440 (formerly Thermaline 400 EU) is a high performance, heat resistant epoxy phenolic that specializes in providing color for uninsulated piping and equipment. This immersion-grade coating has excellent resistance to wet/dry cycling conditions at elevated temperatures when using dry grind pigments. This formulation allows for use on hot steel substrates under insulation operating continuously up to 400°F (204°C). It has excellent chemical resistance properties to handle the corrosive effects of wet insulation under thermal cycling conditions.

Thermaline 440, unlike competitive materials, provides both protection and color across a wide range of end-use environments. Our rapid tint system allows you to select preferred finish colors for your asset, in a product that is rated up to 400°F (204°C). Thermaline 440, a high-temperature resistance solution, provides protection and color in a single product. See PDS for limitations.

APPLICATIONS

OIL AND GAS EQUIPMENT
CHEMICAL PROCESSING
POWER PLANTS
COATINGS UNDER INSULATION
PETROCHEMICAL

FEATURES

- › Versatile use from cryogenic to 400°F (204°C)
- › Very good flexibility
- › Excellent overall chemical resistance
- › Very good abrasion resistance
- › Easily applied by spray
- › Acceptable for use over stainless steels
- › Rapid Tint System colors available

Thermaline 440

Quality Product Backed by Quality Service

- › Carboline Company has been solving tough corrosion and fireproofing problems since 1947
- › Industrial service centers and sales offices located around the world
- › Over 20 worldwide manufacturing locations with a global network of sales and technical support
- › Industry leading field service and technical engineering support team
- › Certified to ISO 9001

Reasons to use Product Name

PERFORMANCE FEATURE	ADVANTAGE	BENEFIT
Available in Rapid Tint System*	Wide array of colors available	Gives the ability to paint elevated temperature equipment with identifying colors
Immersion grade*	Handles wet/dry cycling	Allows for coating to be used for CUI protection*

* Rapid tint colors are not recommended for CUI and/or immersion projects. Coating discoloration can be expected when exposed to elevated temperatures in excess of 200°F (93°C). This discoloration does not affect performance.



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