

# Pyromark<sup>®</sup>

## High Temperature Paint



### APPLICATIONS

- Infra-red Heaters
- Boilers
- Furnaces
- Ovens
- Fireplace Accessories
- Solar Absorbers
- Mufflers
- Radiators
- Stoves
- Boat and Auto Engines

- Specially formulated for protecting, decorating, or color identifying metal surfaces that will be subjected to high temperatures.
- Silicone based coatings that provide long lasting protection against oxidation and corrosion.
- Excellent covering characteristics - will not blister, chip, crack or peel at rated temperature.
- Improves heat transfer in infra-red heating applications due to high emissivity properties.

- Solar absorptivity of 0.95 makes it an almost perfect black box absorber.

### Color Chart and Maximum Performance Temperatures

Color	Series 800	Series 1200	Series 2500
Aluminum (Metallic)	-	1000°F (547°C)	-
Black (Flat)	800°F (427°C)	1200°F (649°C)	2000°F (1093°C)
Black (Semi-gloss)	-	-	2000°F (1093°C)
Black (Satin Sheen)	-	1200°F (649°C)	-
Charcoal Metallic (Flat)	-	1200°F (649°C)	-

(The air dried finish on all colors is semi-gloss. The finish will become flat after heating.)

**HOW TO USE:** Obtain recommended instructions

**Standard Packaging:** Gallons, 5 gallon pails, 55 gallon drums

# Temp-Alarm<sup>®</sup>

## Time/Temperature Signaling Paint

### APPLICATIONS

- Verifying heat treatment of parts
- Aluminum specialty gas cylinders
- Monitor erosion and break down of refractory linings
- Temperature profiles on engines

### CAUTION

- Time/temperature dependent coating
- Test under anticipated operating conditions
- Obtain related time/temperature curves
- Coating will transition after a 5 minute heating period at rated temperature
- Coating will transition at temperatures lower than its rating over extended periods of time



The following color changes can be expected after a 5 minute heating period at the transition temperature

Type	Color	Transition Temperatures	Color of Transition	Type	Color	Transition Temperatures	Color of Transition
44C	Yellow	@ 240°F (116°C) 300°F (149°C) 375°F (191°C) 850°F (454°C)	→ Mustard → Brown → Jet Black → Grey-Green	43E	White	@ 280°F (138°C) 360°F (182°C)	→ Khaki → Deep Grey/Black
				13A	Blue	@ 310°F (155°C)	→ Black
				43B	Green	@ 750°F (399°C)	→ Yellow

**Standard Packaging:** Gallons, 5 gallon pails

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