

Hi-Temp Dry-Fall Coatings For Peak Performance



Hi-Temp coatings provide aesthetic and durable protection for surface temperatures ranging from ambient to 1200°F/649°C.

american coating technologies

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Industrial Coating Applications— Done Better, Faster and with the Best Return On Investment!

American Coating Technologies LLC's vision is to offer our customers the most advanced coating and containment solutions available today, providing them with long-term performance so that they may excel in their competitive global marketplace.





Hi-Temp Dry-Fall Coatings For Peak Performance

American Coating Technologies' Hi-temp dry-fall coatings were developed naturally by combining our two most dynamic products: High Performance HiTemp and Solvent-Borne Dry-Fall Coatings.

Typically spray application in congested areas creates high potential for overspray damage. To avoid this, most painters and facility owners will opt for labor intensive brush and roll application even though this will not completely eliminate paint damage from airborne paint droplets. Highland High Performance Dry-Fall Coatings allow "Spray-Safe" application, saving time and money.

American Coating Technologies' Hi-temp dry-fall coatings are used successfully in the field by a number of industries including: Refineries, Hot Mix Asphalt Plants, Incinerators and Chemical Processing Facilities. In addition to saving time and money by allowing safe and fast spray application, these coatings are known for their rugged durability, aesthetic appeal, and fast topcoat/re-coat time. HiTemp Dry-Fall is available in Primers, Direct to Metal Coatings, and Topcoats with a range of temperature protection from ambient to 1200°F.

Primers:

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AM 83000 Series is a single package primer designed for heat affected zones up to 400°F/204°C. Its Dry-Fall properties allow it to dry to a powder within 10-20 feet from point of application eliminating paint overspray damage.

Product Name	Description	Colors	Chemical Resistance	Temperature Range				
				Ambient - 400°F	Ambient - 500°F	Ambient - 800°F	300°F - 1000°F	Up to - 1200°F
AM 83000 ⁽¹⁾	Dry-Fall Silicone Alkyd Primer	Light Yellow	N/A	Yes	No	No	No	No

AM 4700 Series is a high-build 2-K primer formulated to provide exceptional chemical and temperature protection up to 500°F/260°C. It may be applied over marginally prepared surfaces and may be used as a primer or DTM coating.

Product Name	Description	Colors	Chemical Resistance	Temperature Range				
				Ambient - 400°F	Ambient - 500°F	Ambient - 800°F	300°F - 1000°F	Up to - 1200°F
AM 4700 ⁽²⁾	Hybrid Epoxy Novolac Primer/ DTM	Plum, Lt. Yellow, Gray	Very Good	Yes	Excursions only to 500°F	No	No	No

AM 4800 Series is a high-build surface tolerant 2-K primer formulated to provide exceptional temperature insulation and heat reduction properties as well as exceptional chemical and corrosion protection. It will reduce BTU loss, allow a wider range of topcoats and provide a protective barrier against CUI.

Product Name	Description	Colors	Chemical Resistance	Temperature Range				
				Ambient - 400°F	Ambient - 500°F	Ambient - 800°F	300°F - 1000°F	Up to - 1200°F
AM 4800 ⁽²⁾	Hybrid Epoxy Novolac, Primer/ DTM (Reflective)	Gray	Very Good	Yes	Excursions only to 500°F	No	No	No

AM 1500ZN Series cathodically protects steel providing maximum corrosion protection. It is designed for heat affected zones up to 1000°F/538°C. NOTE: This product heat cures at 250°F/121°C.

Product Name	Description	Colors	Chemical Resistance	Temperature Range				
				Ambient - 400°F	Ambient - 500°F	Ambient - 800°F	300°F - 1000°F	Up to - 1200°F
AM 1500ZN ⁽¹⁾	Dry-Fall Silicone Zinc	Gray	N/A	Heat Cures at 250°F	Heat Cures at 250°F	Heat Cures at 250°F	Yes	No

AM 82700 Series is an unparalleled 1200°F/649°C single package DTM that is ideal for CUI or where extreme thermal shock resistance is necessary. It is a high-build and surface-tolerant coating that can be hot applied to surfaces up to 750°F/399°C.

Product Name	Description	Colors	Chemical Resistance	Temperature Range				
				Ambient - 400°F	Ambient - 500°F	Ambient - 800°F	300°F - 1000°F	Up to - 1200°F
AM 82700 ⁽¹⁾	Dry-Fall Multi-polymeric Matrix Primer/ DTM	Black, Gray or Aluminum	Good	Yes	Yes	Yes	Yes	Yes

Topcoats:

AM 84000 Series a single package coating originally designed for HMA plants, meets a multitude of high heat demands. Due to the high silicone content and heat and light stable pigmentation, 840 maintains exceptional gloss and color purity in heat and rugged coastal and winter environments.

Product Name	Description	Colors	Chemical Resistance	Temperature Range				
				Ambient - 400°F	Ambient - 500°F	Ambient - 800°F	300°F - 1000°F	Up to - 1200°F
AM 84000 ⁽¹⁾	Dry-Fall Silicone Alkyd Topcoat	Range	N/A	Yes	No	No	No	No

AM 81500 Series is an alternative for surfaces ranging from ambient to 500°F/260°C and is available in a full range of colors. It may be modified with the proper reducer to allow hot application up to 400°F/204°C.

Product Name	Description	Colors	Chemical Resistance	Temperature Range				
				Ambient - 400°F	Ambient - 500°F	Ambient - 800°F	300°F - 1000°F	Up to - 1200°F
AM 1500ZN ⁽¹⁾	Dry-Fall Silicone Copolymer Topcoat	Range	N/A	Yes	Yes	Black, Aluminum, and Some Grays	No	No

AM 89900 Series is a single package direct-to-metal coating that may be applied up to 8 mils DFT in one coat, offering higher build protection and surface tolerance compared to other high temperature coatings. 899 Series provides superior thermal shock and corrosion resistance in a full range of colors.

Product Name	Description	Colors	Chemical Resistance	Temperature Range				
				Ambient - 400°F	Ambient - 500°F	Ambient - 800°F	300°F - 1000°F	Up to - 1200°F
AM 89900 ⁽¹⁾	Dry-Fall Silicone Copolymer Topcoat/DTM	Limited Range*	N/A	Heat Cures at 250°F	Heat Cures at 250°F	Heat Cures at 250°F	Yes	Yes