



# Highland International, Inc.

## Engineered Paint Systems

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[www.highland-international.com](http://www.highland-international.com)

### RECOMMENDED DRY-FALL PAINT FOR HMA PLANTS IN CONGESTED AREAS

Highland Dry-Fall paints follow the same temperature ranges for HMA components as those listed on the HiTemp Guide for HMA Plants. The difference is that paint overspray from Highland's Dry-Fall coatings is powder dry within 10-20 feet from point of application eliminating overspray damage to nearby cars, equipment and structures. Paint overspray wipes away clean without chemicals or buffing. This eliminates added expense from time consuming brush and roll application and greatly reduces plant down time saving time and money for both painter and facility owner.

**Paint overspray from all products listed below is powder dry within 10-20 feet from point of application.**

Please carefully assess your plants surface temperatures so you can choose the correct coating.

### HMA PLANT COMPONENTS WITHOUT ELEVATED TEMPERATURES

**Storage Silo      Cold Feed Bins      Conveyors      Stands**

Product	Description:	
84-DF-1024 Dry-Fall Structural Primer	Dry-Fall Phenolic Modified Alkyd Primer <b>Not For Areas with Elevated Temperatures</b>	84-DF is a <b>surface tolerant</b> primer with an elaborate system of rust inhibitors to assure outstanding corrosion protection even in rugged climatic environments. It provides maximum adhesion and corrosion and may be topcoated with a wide range of topcoats: silicone alkyds, alkyds, epoxies, urethanes and acrylics.
475C1024 Dry-Fall 2-K Epoxy Primer	Dry-Fall 2-K Modified Polyamine Epoxy Primer <b>Not For Areas with Elevated Temperatures</b>	475C 2-K Epoxy Surface Tolerant Primer may be applied over tightly bonded rust or mil scale and provides outstanding chemical, water, weathering and corrosion protection. Even on areas with minimal preparation, it will provide very good corrosion protection.
65C Series Dry-Fall Acrylic Topcoat	Dry-Fall Modified Oil Based Acrylic <b>Not For Areas with Elevated Temperatures</b>	65C Series is an economical topcoat with outstanding gloss and weathering properties making it an excellent choice for Hot Mix Asphalt plants, trailers, equipment and vehicles.
485C Series Dry-Fall 2-K Epoxy DTM	Dry-Fall 2-K Modified Polyamine Epoxy DTM <b>Not For Areas with Elevated Temperatures</b>	485C Epoxy DTM (Direct to Metal) may be applied in one coat over tightly bonded rust or mil scale and provides outstanding chemical, water, weathering and corrosion protection. As with all epoxies, it will not retain color and gloss for long periods but will provide corrosion protection for extended periods. If you want the durability of an epoxy but also want high gloss, consider using 475C Epoxy Primer and topcoating with the 68 Series or 65 Series Dry-Fall Topcoats.

### HMA PLANT COMPONENTS WITH ELEVATED TEMPERATURES to 1000°F

**Batch Tower Intake Breaching K-O Box Cyclone Exhaust Stack Drag Chain Ductwork Baghouse**

Product	Description:	
830-4058 Dry-Fall HiTemp Primer	HiTemp Dry-Fall Modified Silicone Alkyd Primer Heat protection up to 400°F.	830 Primer has a complex system of rust inhibitors providing excellent corrosion protection.
15-ZN-4074 Dry-Fall HiTemp Silicone Zinc Primer	HiTemp Dry-Fall Silicone Zinc Copolymer Primer Heat Protection up to 1000°F.	15-ZN is a special Silicone Zinc primer that offers cathodic protection up to 1000°F. Topcoat this primer only with Highland International 805, 807, 808 or 810.
840 Series Dry-Fall HiTemp Topcoat Satin Finish	HiTemp Dry-Fall Modified Silicone Alkyd For ambient areas or excursions up to 400°F Will loose color purity at approx 350°F	840 Series Topcoat is a high temperature topcoat but is frequently used on cold areas as well because of its UV protection, quality & durability. 840 will remain intact in constant temperatures of 375°F and excursions to 400°F. It will loose color purity at approximately 350°F.
805-DF Series HiTemp Dry-Fall Topcoat Flat Finish	HiTemp Dry-Fall 1000°F Silicone Copolymer Topcoat Color stable to 450°F and will remain intact to 1000°F. Requires minimum 250°F to cure.	805 Series is a remarkable product for plants running hotter mixes. It protects the trouble zones of HMA plants that reach temperatures 250°F and above. It is color stable to 450°F and will remain intact to 1000°F. Apply only to areas reaching a minimum 250°F. Prime with HiTemp 830 Primer or 15-ZN Zinc Primer.

### HMA PLANT COMPONENTS WITH ELEVATED TEMPERATURES from Minimum 250°F - 1300°F

**Drums/Dryers      Intake Breaching      K-O Box**

Product	Description:	
810-DF HiTemp Dry-Fall Super Drum Mixer Black	HiTemp Dry-Fall 1300°F Silicone Copolymer DTM 810 Black, 808 Gray & 807 Aluminum	This DTM is made specifically for drum mixers and dryers and has an excellent track record in the HMA industry.