PROCESSES BY MARTIN, INC.

Colors shown are available in Class I or Class II Formulations as Stock Colors. Also available as custom formulation in all other applicable Martin Class Finishes.


MARTIN STATUARY BRONZE


MARTIN BLACK


MARTIN SILVER XL


MARTIN MEDIUM BRONZE


MARTIN CHARCOAL


MARTIN BANNER RED XL*


MARTIN ROSEWOOD


MARTIN FASHION GRAY


MARTIN BRICK RED


MARTIN PATINA


MARTIN COLONIAL GRAY


MARTIN INTERSTATE GREEN*


MARTIN BOYSENBERRY

MARTIN BONE WHITE


MARTIN ARABIAN BLUE*

ALL COLORS SHOWN ARE AS CLOSE AS POSSIBLE TO ACTUAL COLORS OFFERED WITHIN THE LIMITATIONS OF COLOR CHIP REPRODUCTION. METALLIC COATINGS ON PRODUCTION PANELS WILL HAVE THE UNIQUE ABILITY TO CHANGE IN LIGHTNESS AND COLOR WITH A CHANGE IN VIEWING ANGLE.

*Exotic Color Pigmentation Subject To Premium Pricing, applicable to all Martin Class Finishes.
"XL" colors shown also available in Silicone Polyester Class II.

PERFORMANCE REQUIREMENTS

The application warranty covering the Kynar and Silicone Polyester finishes shall remain in effect for 5 years from date of application as follows:
Film Integrity: No change in 5 years.
Chalk Resistance: Value of 6 after 5 years as defined in ASTM-D659.
Color Change: Will not fade more than 7 NBS color units in 5 years.
Salt spray, air pollution and smog will have no adverse effect upon the finish within 5 years.
Terms and Conditions of above warranty are subject to conditions applied for prior to actual application of the paint.

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THE MARTINIZIN PROCESS

Martinizin Painting Process will cover multiple alloys of aluminum not attainable in anodizing. Welding marks will appear the same color as other parts after application of the finishing process. Martinizin Process means that the metal has been processed, prior to priming and painting as follows:
• Clean all grease, oil or smut • Clear water rinse • Chemical film conversion for aluminum per Mil C5541 (alodine, irridate or bonderite). Iron phosphate when processing light steel as per manufacturers recommendations. Steel with rust or scale must be sand or powder blasted. • Clear water rinse • All aluminum with anodizing finish is subjected to a special cleaning and processing • Final inspection and careful packaging are an integral part of the Martinizin Process.

CLASS I

30 years life expectancy on aluminum. Not recommended for steel applications. Fluorocarbon Coatings, Kynar 500 (over manufacturers recommended primer) by Pennwalt Corp. as architecturally compounded under the following trade names: Duranar, Duranar XL, Duranar XLT, Duranar XLTS, Fluoroceram, Fluoroceram Ultra Met-2, Fluropon, Fluropon Classic, Fluoro Polymer, Nubelar "S", Visulure, PVF and Polyvinylidene. Exceeds AAMA 605 specifications. Most colors available at 25° to 35° gloss on 60° Gardner gloss meter. Finish coat and primer is baked at approximately 475° F., Kynar 500 has exceptional resistance to chalking, fading, acid attack and industrial pollutants.

CLASS II

25 years life expectancy on aluminum, 15 years plus on steel applications with a coating thickness of 4 to 5 mils. Silicone Polyester (over epoxy primer) with a 50% minimum silicone resin content/CTL System 68 and Polyceram 450 formulas meet this requirement. Exceeds AAMA 605 specifications. Most colors available at 10° to 75° maximum on 60° Gardner gloss meter. Silicone Polyester with a 50° minimum silicone resin content is especially well suited for patio railings, hand rails and building entrances where abrasion is so important. Primer and finish coat baked at approximately 400°F.

CLASS V

Powder Coatings are available in three formulations, Epoxy for indoor and rugged abuse areas, Polyurethane for exterior applications, such as residential and commercial applications meeting AAMA 603 specifications. TGIC Series 19 Polyester for high performance architectural applications such as extrusions, panels and other architectural related products. Powder Coating is melted hardened in a baking oven at temperatures between 360° and 430° F.

CLASS VI

A High Performance Polyurethane over Primer is recommended for application to special process materials or assemblies that will not withstand more than 150° F. These coatings are highly resistant to abrasion, wet conditions, corrosive fumes and chemical contact, including organic acids, mineral acids, oxidizing agents, alkali solutions, alcohols, ketones, salt solutions, mineral and vegetable oils. Limited Colors Available.

CLEANING SUGGESTIONS FOR COATED METAL WITH MARTINIZIN PROCESS

Class I (Duranar, Fluropon, Fluoroceram, Nubelar). Class II (Silicone Polyester). Remove common surface dirt by washing with a normal solution of water and household detergent, followed by a clear water rinse. Use a soft bristle brush. Avoid abrasive cleaners and do not use abrasive materials such as sandpaper, emery paper, steel wool, etc. Moderate water pressure with physical rubbing with soft sponges is recommended. Cleaning should be done on the shaded side of the building, or ideally on a mild cloudy day.

Remove caulking compounds, tars or similar asphaltic products with mild solvents such as mineral spirits, naphtha, or turpentine, followed by a clear water rinse. Avoid stronger solvents. Test a small area first. Do not use excessive or abrasive rubbing.

Remove mildew with a basic solution of the following: ⅓ cup detergent (Tide, for example), ⅔ cup trisodium phosphate (Soilex, for example), 1 quart sodium hypochloride 5% solution (Clorox, for example). Rinse with clear water immediately. Remove any alkali stain left from mortar with a 10% muriatic acid solution. Rinse immediately with clear water. Mono-Kote Fireproofing Compound should not adhere to the finish and should be easily brushed off. (Call our office for a suitable recommended cleaner if another compound is used or if it does not brush off).

Precautions should be taken to prevent sealants from getting on the painted surface as these may be difficult to remove. If any does get on surface, it should be removed promptly with a solvent such as alcohol or a naphtha type. CAUTION: It may be possible for solvents to extract materials from sealants which could stain the painted surface, or could prove harmful to sealants; therefore these possible effects must be considered. Test a small area first.