



Specification and Application Guidelines

**DOORGUARD SYSTEM
4455**
for Metal Doors and Trim



General Specification and Application Guidelines

IMAGE DOORGUARD SYSTEM 4455

– for Metal Doors and Trim

Etching Filler

Surface Sealer

California Polyurethane Topcoat

California Polyurethane Clearcoat

This system provides a premium grade coating system utilizing the latest developments in catalyzed polyurethane technology providing a tough finish and long-lasting durability. This coating provides a high gloss, chemical- and solvent-resistant and durable finish.

Normal Serviceable Duration: Up to 7 years.

Evidence of pre-existing coating or substrate failures must be identified and brought to the attention of the Property Service Director. Failure to notify the Property Service Director may result in the Contractor assuming the liability for future failures. Any coating failure resulting from inadequate surface preparation or failure to follow manufacturer's recommendations and specifications are the sole responsibility of the Contractor to remedy.

1. Inspect the surface to check for debris, dirt, or other foreign objects that need to be removed from the surface.
2. Surfaces to be painted should be clean, dry and free from wax, grease, dust, silicone, scaling paint, oil and excessive chalk. Remove rust, loose or peeling paint and all foreign matter. Particular care should be taken to remove lubricant sprayed around door lock areas. Surface should be sanded or scuffed using a 3M coarse scuff pad to achieve a profile on the surface and should be wiped with lacquer thinner prior to coating application. Remove all existing coatings and/or sealers that inhibit a proper bond and/or detract from the cosmetic results desired. All surfaces must be hand-washed with a solution of TSP (Tri-Sodium Phosphate, 2 oz. per gallon of water) and a 3M coarse scuff pad to remove gross surface contamination. Rinse with water and wipe dry. Additional mechanical means to check adhesion, such as pressure washing, should be done at your own risk.
3. Tape-off or paper-protect all areas not being painted.
4. Bare metal surfaces must be pre-treated with Image Etching Filler. Mix Part A and Part B. Once thoroughly mixed, apply one thin, semi-transparent coat. After one hour, thoroughly mix Image Surface Sealer and apply one wet coat over the Etching Filler. Viscosity of the Surface Sealer is approximately 16 to 17 seconds in a #2 Zahn Cup @ 77°F.
5. Once the Surface Sealer has been applied, wait 30 minutes. The Surface Sealer must be topcoated between 30 minutes to 3 hours. Thoroughly Mix Part A and Part B of Image California Polyurethane Topcoat. If required, thin mixture with the Image Solvent required for your application. Do not add more than 12 oz. per 1 gallon of mixed material. For spray application, apply one wet coat with 50% overlap minimum to 2-mil dry film thickness. If second coat is needed, allow 15 minutes flash time. Image Coatings recommends Kremlin Air-Assisted Pump Model 10.14 or equal. Brush or roll as required for coverage. Use natural bristle brush or roller cover with phenolic core. After two hours, apply one wet coat of California Polyurethane Clearcoat. Wait approximately 10 to 15 minutes for flash time, then if required, follow with another wet coat. All surfaces are to have a uniform color and sheen. Texture should be uniform. Clean equipment immediately after use with compliant solvent in an enclosed system.
6. Once project is complete, clean area. Remove all trash, debris and all job-related materials. Allow coating system to dry completely before placing the area back in service.

NOTE: The Contractor is responsible for the final appearance and smoothness of the surface. On very rough and/or uneven surfaces, significantly more material may be required to achieve the desired results.

The Contractor is responsible for the protection of all areas not to be painted (i.e., sprinkler heads, smoke detectors, hardware, floors, driveways, tenant goods, vehicles, and neighboring properties). Contractor is also responsible at own expense for storage of materials, equipment, tools, or any other supplies required to perform job. Storage rental units to be available at normal contractual rates. Contractor to remove all trash and debris from job site daily and not utilize the facility's trash containers. Contractor to dispose of all hazardous materials according to local and state EPA regulations.

INSTRUCTIONS MUST BE FOLLOWED ACCORDING TO IMAGE SPECIFICATION AND APPLICATION GUIDELINES. FOLLOW ALL INSTRUCTIONS AND USE ALL PRODUCTS SPECIFIED FOR YOUR INTENDED APPLICATION.



IMAGE DOORGUARD SYSTEM 4455 – for Metal Doors and Trim

Etching Filler

Surface Sealer

California Polyurethane Topcoat

California Polyurethane Clearcoat

This system provides a premium grade coating system utilizing the latest developments in catalyzed polyurethane technology providing a tough finish and long-lasting durability. This coating provides a high gloss, chemical- and solvent-resistant and durable finish.

Normal Serviceable Duration: Up to 7 years.

1. Pre-Treatment	48-151	Etching Filler
2. Sealer	48-200 Series	Surface Sealer
3. Topcoat	48-4100 Series	California Polyurethane Topcoat
4. Clear Coat	48-4155 Clear	California Polyurethane Clearcoat

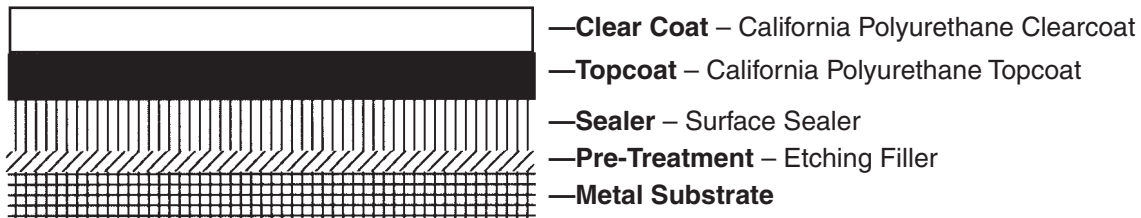
Image Doorguard System 4455 applications require the surface is pre-treated with Etching Filler, sealed with Surface Sealer, topcoated with California Polyurethane Topcoat and California Polyurethane Clearcoat.

Image Etching Filler is a two-component product applied over bare metal to increase adhesion. Image Etching Filler increases adhesion specifically on steel surfaces. This non-chromate formula product provides excellent adhesion with outstanding corrosion and chip resistance.

Image Surface Sealer is a ready to spray sealer. This single-component product provides excellent adhesion between the surface and topcoat. Surface Sealer is formulated using a high performance resin system which dries quickly and provides a smooth, hard surface with excellent color holdout.

Image California Polyurethane Topcoat is a two-component high quality polyurethane, manufactured from the finest raw materials available. Image California Polyurethane Topcoat is designed to provide a high gloss, extremely durable, chemical-resistant topcoat. This tough, wet-look finish will far surpass the performance of acrylic enamels and epoxies. Image California Polyurethane Topcoat is lead- and chromate-free.

Image California Polyurethane Clearcoat is a two-component high quality polyurethane, manufactured from the finest raw materials available. Image California Polyurethane Clearcoat is designed to provide a high gloss, extremely durable, chemical-resistant topcoat.



*INSTRUCTIONS MUST BE FOLLOWED ACCORDING TO IMAGE SPECIFICATION AND APPLICATION GUIDELINES.
FOLLOW ALL INSTRUCTIONS AND USE ALL PRODUCTS SPECIFIED FOR YOUR INTENDED APPLICATION.*



IMAGE COATINGS SYSTEMS

Image Coatings offers professionally applied coating systems that are tailored to your service situation, coating requirements and price range. Each coating system has been designed specifically for the circumstances encountered at industrial and storage facilities, such as limited out-of-service time, repeated heavy usage and facility identity.

The products used in the coating systems are not sold individually but are sold as professionally installed systems and all work is performed per specification by technicians trained and certified at our manufacturing facility. Each application system is complete and includes a multistep process including inspection, preparation, application and area clean-up.

All IMAGE products are manufactured according to strict environmental guidelines mandated for the paint industry. **Image Coatings** is a leader in compliant coatings technology and has been recognized nationally for our products and services. We look forward to providing products and services to meet your individual requirements.

LIMITED WARRANTY

Image Coatings certifies that all IMAGE products delivered to the customer in new, sealed containers will meet all pertinent quality standards presented in IMAGE published literature. Since matters of surface preparation, application procedures and other local factors which affect performance are beyond its control, **Image Coatings** assumes no liability for coating failure other than to supply replacement material for an IMAGE product shown to be defective. If you have questions, contact **Image Coatings** or visit www.imagecoatings.com. There is no other warranty, either expressed or implied.

