



Baking Enamels

*Solvent and Waterborne Baking Enamels
for Metal Office Furniture*

BAKING ENAMEL COATINGS THAT DO MORE

MORE SERVICE

- ◆ Fast turnaround
- ◆ Technical Assistance
- ◆ Finishing line design
- ◆ Local sales support

MORE OPTIONS

- ◆ Variety of chemistries
- ◆ All appearance ranges
- ◆ Small batch availability
- ◆ Custom formulation availability

PERFORMANCE AND COMPLIANCE

Sherwin-Williams Baking Enamels provide durability and protection for metal surfaces with a finish that looks great on all kinds of metal finishing applications.

Available in both solvent and waterborne formulations, Sherwin-Williams gives you performance properties including excellent hardness, low VOCs, great abrasion resistance and overbake properties. We offer names you know and trust, like PERMACLAD® and KEM AQUA®. We also offer custom formulations for the metal furniture industry, along with reliable “just-in-time” delivery that gets you exactly what you want, and exactly when you want it.





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PermaClad®

High Solids Polyester Baking Enamel

PERMACLAD has been the baking enamel of choice among metal office furniture manufacturers for over 10 years, due to its reliability and low VOC at just 3.0 lb/gal. It has high volume solids and low solvent emissions, and provides furniture makers with good color and gloss retention along with excellent hardness and mar resistance. PERMACLAD is available in a full color and gloss range. PERMACLAD requires no special equipment for application and works well with electrostatic bell, disk, handgun and conventional spraying equipment.

PermaClad® Performance Tests

Substrate: Bonderite 1000 iron phosphate
@ 1.0 mils dft, baked 20 minutes at 325°F.

Pencil Hardness – H – 3H
Mar Resistance – excellent
Salt Spray Test (5%) – 144 hours
Humidity (100% Humidity at 95°F)
– 1,000 hours
Impact Resistance
Direct – 80 in lb.
Reverse – 30 in lb.
Flexibility, Conical Mandrel – passes

Kem Aqua® 1500T Waterborne Baking Enamel

Kem Aqua 1500T Waterborne Baking Enamel is a one component, water reducible, thermoset baking enamel meeting the requirements of a wide variety of metal finishing applications, making it an ideal choice for the metal office furniture market. Its hard, tough, mar-resistant coating can be used as a smooth or textured coating.

Kem Aqua® 1400

Water Reducible Baking Enamel

KEM AQUA 1400 is a waterborne alkyd enamel designed for versatility. It provides a hard, tough coating at just 2.3 lb/gal VOC. In addition to great flow and leveling attributes, KEM AQUA 1400 improves working conditions with its low-odor formulation, and has no flash point, which virtually eliminates fire hazards. KEM AQUA 1400 reduces and cleans up with water, and can be applied with HVLP, air-assisted, airless, electrostatic and conventional equipment.

Production Baking Enamel

This alkyd baking enamel is ideal for use with metal office furniture. It provides a hard, tough, mar-resistant finish. Other advantages include flexibility of use, great durability, and a full color and gloss range. The unique combination of flexibility and durability makes Production Baking Enamel an excellent choice in the metal office furniture industry.

Finishing Line Formula

Sherwin-Williams is in the business of supplying much more than just advanced finishing systems. All the company's production finishes for metal, plastic and wood substrates are backed by expert technical assistance, design engineering services and color marketing consulting. With over 90 Chemical Coatings Facilities strategically located across North America, Sherwin-Williams can satisfy your custom color matching and "just-in-time" product delivery requirements. These added services ensure that your finishing line runs smoothly and at peak efficiency — allowing you to finish ahead of the rest.

For more information,
contact your Sherwin-Williams
representative or call
1-800-524-5979
to have a representative
contact you.