



KNOWN FOR EXCEPTIONAL FLEXIBILITY AND FABRICATION PROPERTIES

UltraFlexar is perfect for appliance applications. This appliance coating allows for maximum manufacturing efficiency by offering superior flexibility in forming. With stain-resistance properties, UltraFlexar keeps your products safe from food, helping them look clean and fresh for years to come.

At Sherwin-Williams, we are dedicated to providing you with a total-cost solution to meet your appliance manufacturing needs and ensure product performance standards. No matter what appliance you need to protect, we have a coating in your desired effect, gloss level, color and tint. We also offer a variety of top coats, including fingerprint-resistant coatings, to give you the exact look you envision for your project.

BENEFITS

- Outstanding flexibility
- Stain-resistant formula
- Excellent fabrication properties
- RoHS compliance available

COLORS

UltraFlexar coatings are available in a wide variety of colors including mica or metallic flake pigments.

SUBSTRATES

UltraFlexar can be applied to a number of pretreated substrates including: Cold-Rolled Steel (CRS), Hot-Dipped Galvanized (HDG) steel, and Aluminum.

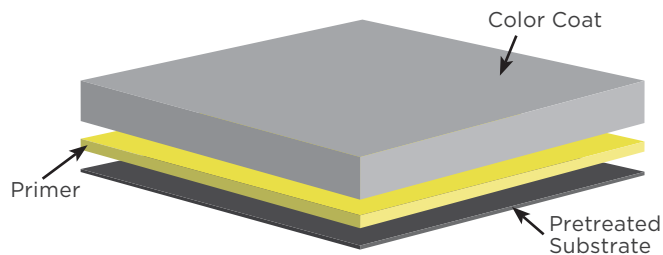
END USES

UltraFlexar coating is ideal for interior use on appliance applications, including:

- Refrigeration doors
- Refrigeration case wrappers
- Walk-in coolers

COMMITMENT TO QUALITY

Our coatings are trusted and field-proven through rigorous testing, providing key benefits to our customers.



POLYESTER COIL COATING SYSTEM

| Number of Coats | Dry Film Thickness (DFT) | | Total DFT: |
|-----------------|--|--------------|--------------|
| | Primer | Color Coat | |
| 2-Coat | 0.2-0.3 mils | 0.7-0.8 mils | 0.9-1.1 mils |
| Substrate | Applied to pretreated cold-rolled steel (CRS), hot-dip galvanized (HDG) steel and aluminum | | |

| PHYSICAL TESTING | ASTM ¹ TEST METHOD | ASTM REQUIRED TEST RESULT |
|---|-------------------------------|--|
| Clean-up Solvent | | MEK |
| Film Adhesion (Dry, Wet, Boiling Water) | ASTM D3359 | No removal of film by tape in the cross-hatched area |
| Flash Point | ASTM D3278 | 90° F |
| Flexibility, T-Bend | ASTM D4145 ² | 0T, no loss of adhesion, 2T NFX at 10x magnification |
| Food Stain Resistance | | Good |
| Impact Resistance | ASTM D2794 | No removal of film by tape following impact |
| Pencil Hardness | ASTM D3363 | H Minimum |
| Recommended Bake Temp | | 450° F for 25-30 seconds |
| Reducing Thinner | | 50/50 Blend Aromatic 150, Butyl Cellosolve |
| Solids per volume | ASTM D2697 | 31% to 42% as supplied |
| Solids per weight | ASTM D2369 | 40% to 60% as supplied |
| Specular Gloss at 60° | ASTM D523 | Available in most ranges |
| Viscosity | ASTM D4212 #4 Zahn Cup | 20-30 seconds |
| VOC (theoretical) | ASTM D3960 | 4.1 to 4.8 pounds per gallon |
| Weight per Gallon | ASTM D1475 | 8.3 to 10.8 pounds per gallon |

¹American Society for Testing and Materials. ²UltraFlexar is not designed to bridge cracks in the substrate. UltraFlexar coatings will generally meet the requirements for most post-painted fabrication processes. However, variations in metal quality, thickness or cleaning/pretreatment applications can lead to diminished flexibility.

For details and health, safety and handling information, Material Safety Data Sheets (MSDS) are available at coil.sherwin.com. UltraFlexar® is a registered trademark of Sherwin-Williams.

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