



POWDER COATING

Technical Data Sheet

Highlights

EnviroLuxe powder coatings offer exceptional protection in a sustainably advantaged coating. The unique formulas include resin systems and chemistries to achieve up to a 30% reduction in carbon footprint.

EnviroLuxe powder coatings are available in a broad selection of standard and custom colors, including metallic options, allowing for aesthetic flexibility without sacrificing sustainability.

- For interior use only
- PTFE-NIA

PRODUCT CHARACTERISTICS

First-pass transfer efficiency rates up to 85%
Excellent batch to batch consistency

TEST CONDITIONS

| Property | Test method | Value |
|-----------------------|-------------------|-------------------------|
| Substrate | | Pretreated steel panels |
| Recommended Thickness | ASTM D 7091 | 2.3 - 3.0 mils |
| Curing Conditions | Metal Temperature | 15 min @ 350 °F |

Impact Resistance and Conical Mandrel were determined at 3.0 mils.

PRODUCT PROPERTIES

| Property | Test method | Value |
|----------------------|-------------------|---|
| Appearance | Visual Inspection | Smooth |
| Gloss 60° | ASTM D 523 | 27 - 37 |
| Adhesion | ASTM D 3359 | 100% (5B Pass) |
| Hardness | ASTM D 3363 | 2H Pencil (Eagle) |
| Impact - Direct | ASTM D 2794 | 60 in-lbs |
| Impact - Reverse | ASTM D 2794 | 20 in-lbs |
| Conical Mandrel | ASTM D 522 | 1/8" Mandrel |
| Specific gravity | Calculated | 1.73 ± .05 |
| Theoretical coverage | Calculated | 111 ft²/lbs at 1.0 mil 22.8 m²/kg at 25 µm |





POWDER COATING

Technical Data Sheet

STORAGE STABILITY

24 months at 80 °F maximum

Materials need to be stored in sealed plastic bags under dry and cool conditions. Do not expose to sunlight.

PPG recommends that all material be used in FIFO order (first in - first out). Materials that exceed the recommended shelf life should be tested prior to use.

SUBSTRATE PREPARATION

Surface preparation should be chosen according to the type of substrate and required performance.

The coater should test the suitability of the surface preparation before the application using appropriate test methods.

APPLICATION RECOMMENDATIONS

Electrostatic Spray

Coating can be applied with automatic and manual devices.

Substrate should be correctly cleaned before use.

Do not mix this product with other powder coatings.

Color and finish influenced by film thickness: a good control of the film thickness will help the consistency of the aspect.

HEALTH AND SAFETY

For comprehensive Health, Safety, and Environmental advice, please refer to the relevant Safety Data Sheets, and information printed on the product label.

* Statements and methods described herein are based upon the best information and practices known to PPG Industries, Inc. ("PPG"). Any statements or methods mentioned herein are general suggestions only and are not to be construed as representations or warranties as to safety, performance, or results. Since the suitability and performance of the product is highly dependent on the product user's processes, operations, and numerous other user-determined conditions, the user is solely responsible for, and assumes all responsibility, risk and liability arising from, the determination of whether the product is suitable for the user's purposes, including without limitation substrate, application process, pasteurization and/or processing, and end use. No testing, suggestions or data offered by PPG to the user shall relieve the user of this responsibility. PPG does not warrant freedom from patent infringement in the use of any formula or process set forth herein. Continuous improvements in coatings technology may cause future technical data to vary from what is in this bulletin. Contact your PPG representative for the most up to date information.

www.ppg.com & www.ppgindustrialcoatings.com & powder@ppg.com