



General Technical Information

Anti-Graffiti “HG” Series

Description

Erie’s “HG” series of specialty anti-graffiti coatings have been formulated to have very good resistance to staining, and the ability to be cleaned using select graffiti removal agents. Unlike many other AG systems, this line of coatings is both fast cure and colour stable, while it does not contain any inherent chemical safety issues such as caprolactam or isocyanates commonly found in alternative AG product types. This product has a relatively short storage shelf life, and is more sensitive to poor storage conditions, such as high temperature and high humidity. Extra care should be taken to store this product in a sealed, dry area at less than 80°F (25°C). This line of coatings is recommended for interior applications only.

Application

These products are used for interior applications requiring high levels of staining resistance, or graffiti cleanability, such as school lockers.

Dry Powder Property Ranges

<i>Film Build</i>	2.0 to 3.5 mils (50 to 90 microns)
<i>Cure Schedule</i>	8 to 10 minutes at 375°F (190°C) metal temperature
<i>Particle Size</i>	50% to 65% > 32 micron (Alpine Jet Sieve)
<i>Overbake Resistance</i>	200% good, colour change less than 0.5 units
<i>Specific Gravity</i>	1.25 to 1.85
<i>Shelf Life</i>	3 to 6 months

Cured Film Property Ranges

<i>Gloss at 60° for Smooth Finishes</i>	40 to 85
<i>Impact Resistance (ASTM D2794)</i>	80 to 120 inch-pounds
<i>Pencil Hardness (ASTM D3363)</i>	2H
<i>Cross Hatch Adhesion (ASTM D3359)</i>	5B full pass
<i>Flexibility (ASTM D522)</i>	180° ¼” conical mandrel with no cracking
<i>Salt Spray (ASTM B117)</i>	750 hours with <1/8” creep from scribe line

Note: This information is given in good faith based upon information believed to be true at the time of issue. However, no warranty expressed or implied can be given as results may vary due to application and other conditions. This table is not intended to give exact specifications for any particular product but to be used only as a general guide.