



## K- Series Interior Powder Coatings

KwoLin K-Series are epoxy-polyester hybrid powder coatings. It is designed for indoor applications such as sports and recreation equipment, furniture, hand and power tools, hardware, fixtures, tool boxes, safety equipment, wire goods.

### Application and Storage Conditions:

- Oil, grease and rust should be removed by degreaser. Then zinc phosphate pretreatment is recommended for optimum performance.
- Use the electrostatic spray gun to application on substrates.
- The film should be cure on metal temperature at 200°C for 10 minutes.
- Film thickness should be controlled at 60~90  $\mu\text{m}$  for high performance.
- Shelf life is six months when stored in dry conditions at 25°C.

### Products Properties:

| Test items               | Test method          | Results             |
|--------------------------|----------------------|---------------------|
| 1. Specific gravity      | By calculate         | 1.4 $\pm$ 0.3       |
| 2. Impact resistance     | ASTM D2794           | 30kg. cm, no remove |
| 3. Pencil hard           | ASTM D3363           | H                   |
| 4. Cross hatch adhesion  | ASTM D3359, method B | 5B                  |
| 5. Salt spray resistance | ASTM B117, 400hrs    | No removed          |

#### Tests were performed on Q-Panel R36-I

Disclaimer: The information and data of this product are inferred or tested based on our company's previous knowledge. Users are responsible for inspecting the quality, safety, and other attributes of the product mentioned here. Except for a binding purchase agreement specifically signed for this product, KwoLin makes no express or implied warranties, including operability and applicability. The physical and chemical properties such as related colors, gloss, and other factors may vary slightly due to the substrate properties, pretreatment procedures, film thickness, and baking temperature and time by your company. We strongly recommend that your company conducts trials to confirm that it meets your requirements before using it in production.