

PURPOSE

To describe the paint applied to the ER1/ER2 hoist and MR1/MR2 trolley and related parts.

REFERENCE

KTI ER1-01.08.01.0

EDOC0325

SCOPE

Applies to the components comprising the item numbers as follows:

Hoist Assembly

The Hoist Body Assembly is comprised of

- Motor Frame with Stator
- Controller Cover
- Body
- Gear Case
- Fan Cover
- Motor Cover Assembly

Hoist Parts

- Bottom Hook Complete Set
- Steel Chain Container (an optional component)

Trolley Assembly

- Motor Frame with Stator
- Motor Terminal Cover
- Motor Cover Assembly
- Connection Box
- Side Plates

PAINT INFORMATION – HOIST ASSEMBLY & TROLLEY ASSEMBLY

The hoist body assembly is painted according to the following:

- (a) Degreasing: Surfaces are degreased twice.
- (b) Washing: Surfaces are washed twice.
- (c) Paint:

Mfg: Dainippon Toryo Co. Ltd.

Type: Acrylic-alkyd resin paint.

Characteristics: Quick drying, good coating/coverage, good adhesion, strong weatherproof performance, easily recoated, high gloss/appearance, and high hardness.

Thickness: Greater than 20 microns

Method: Electrostatic application, natural drying.

Color: Munsell 7.5YR7/14

- (d) Performance: Paint system is designed to meet JIS K5400, "Testing Methods for Paints". This spec addresses Specular Gloss, Pencil Scratch Test, Adhesion Cross-Cut, Drying Time, Water Resistance, Alkali Resistance, Acid Resistance, Salt-Water Resistance, Volatile Oil Resistance, and Flexibility.

PAINT INFORMATION – HOIST PARTS

The hoist parts are painted according to the following:

- (a) Degreasing: Surfaces are degreased twice.
- (b) Washing: Surfaces are washed twice.
- (c) Surface Treatment: Surfaces are chemically pretreated.
- (d) Washing: Surfaces are washed twice again.
- (e) Paint:

Mfg: Nippon Paint Co. Ltd.

Type: Melemine-alkyd resin paint.

Characteristics: Good coating/coverage, good adhesion, strong weatherproof performance, easily recoated, high gloss/appearance, and high hardness.

Thickness: 20 to 40 microns

Method: Electrostatic application, baked drying.

Color: Munsell 7.5YR7/14

- (f) Performance: Paint system is designed to meet JIS K5400, "Testing Methods for Paints". This spec addresses Specular Gloss, Pencil Scratch Test, Adhesion Cross-Cut, Drying Time, Water Resistance, Alkali Resistance, Acid Resistance, Salt-Water Resistance, Volatile Oil Resistance, and Flexibility.

END