

Reveal Style E H

PRODUCT DESCRIPTION

Reveal Style E H is a range of TGIC-free powder coatings providing a premium finish such as superior flow and high gloss finishes along with humidity and weathering resistance. The product meets the industry standard with regard to mechanical and chemical properties.

Application areas

This product is suitable for interior and exterior use.

Typical application areas:

- Air-conditioning units
- Automotive parts and accessories
- Electrical cabinets
- Exterior lighting fixtures
- Exterior trim
- Fences
- Outdoor industrial racking
- Satellite dish antennas
- Security cameras
- Steel doors
- Street and garden furniture
- Telecom and machinery enclosures

POWDER PROPERTIES

Property	Standard	Result
Specific gravity	Calculated	Typically 1.6±0.2 g/cm ³

Storage

Keep in a dry cool area. Maximum temperature 25 °C. Maximum relative humidity 60 %. If stored longer than 12 months a quality test must be performed.

APPLICATION

Pretreatment

The overall performance of the coating system is largely dependent on the nature of the substrate and the type and quality of the pretreatment. For optimal results, it is recommended to follow the pretreatment supplier's instructions and recommendations.

Powder application

Curing schedule	Object temperature	Time
Reveal Style E6H	160 °C	10 minutes
Reveal Style E8H	180 °C	10 minutes

Other curing schedules can be created upon technical approval.

Recommended film thickness (µm): ≥50

Equipment

Suitable for Corona charging equipment. Please contact technical authority for Tribo use.

APPEARANCE

Colour	Available in a wide range of colours.
Gloss	EN ISO 2813 (60°) Smooth: E6H 90-100 E8H 90-100 Fine texture (Sahara) Visual check against master panels
Finish	Smooth and fine textured finishes.

If the significant surface is too small or unsuitable for the gloss to be measured with the glossmeter, the gloss should be compared visually with the reference sample (from the same viewing angle).

PERFORMANCE

The technical data provided below are typical for this product when applied as follows:

Substrate	Zinc-phosphated cold rolled steel panels
Substrate thickness (mm)	0.8
Film thickness (µm)	50-70

Typical values when tested.

Property	Standard	Result
Adhesion	ISO 2409	Cross-cut rating Gt0 (100 % adhesion)
Cupping test	ISO 1520	≤5 mm, no detachment
Impact resistance	ASTM D2794 (5/8 " ball) (inch-pounds, front only)	Gloss 90-100: 100/80 Fine texture: 40/20
Resistance to neutral salt spray	ISO 9227 ISO 4628-2 ISO 4628-8	No blistering and maximum 2 mm corrosion creep from scratch after 504 hours
Resistance to humid atmospheres	ISO 6270-2 ISO 4628-2 ISO 4628-8	No blistering and maximum 2 mm corrosion creep from scratch after 504 hours
Accelerated weathering	ISO 16474-3	Cycle: 4 hours at 50 °C UV and 4 hours at 40 °C condensation. No chalking, excellent gloss retention and colour stability after 200 hours testing.

Disclaimer

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Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.