

Reveal Style E

PRODUCT DESCRIPTION

Reveal Style E is a range of powder coatings providing a premium finish such as superior flow and super matte non sparkling finishes. The product meets the industry standard with regard to mechanical and chemical properties.

Application areas

This product is suitable for exterior use.

Typical application areas:

Automotive parts and accessories
Exterior trim
Industrial aluminium
Outdoor furniture
Outdoor lighting

POWDER PROPERTIES

Property	Standard	Result
Specific gravity		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 is recommended.

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 E0	200 °C	10 minutes

Other curing schedules can be created upon technical approval.

Recommended film thickness (µm): 60-80

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°)	Reveal Style E0 A: 0-9 Reveal Style E0 T: 0-19
Finish	Smooth	

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	Iron-phosphated cold rolled steel
Substrate thickness (mm)	0.8
Film thickness (µm)	60-80

Typical values when tested.

Property	Standard	Result
Adhesion	ISO 2409	Cross-cut rating Gt0 (100 % adhesion)
Cupping test	ISO 1520	≤5 mm, no detachment
Pencil hardness test	ASTM D3363-05 (Derwent Graphic)	≥ H, upon request
Impact resistance	ASTM D2794 (5/8 " ball) (inch-pounds, front only)	≥ 10
Resistance to neutral salt spray	ISO 9227	No blistering and maximum 2 mm corrosion creep from scratch after 240 hours
Resistance to humid atmospheres	ISO 6270-2	No blistering and maximum 2 mm corrosion creep from scratch after 500 hours
Weather resistance	ASTM G 154 (UVB-313)	No chalking, excellent gloss retention

Disclaimer

The information in this document is given to the best of Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

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.