

Reveal Style D J

PRODUCT DESCRIPTION

Reveal Style D J is a medium textured powder coating developed with superior appearance and colour consistency in mind to deliver a unique finish. The product meets the industry standard with regards to mechanical and chemical properties.

Application areas

This product is recommended for interior use.

Typical application areas:

- Steel doors
- Home furniture
- Office furniture
- Lighting
- Shelving and racking
- Ceiling tiles
- Display and shop fittings
- Vending machines

POWDER PROPERTIES

Property	Standard	Result
Specific gravity	ISO 8130	Typically $1.60 \pm 0.20 \text{ g/cm}^3$

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.

The recommended types of pretreatment for the most frequently used substrates are:

Substrate	Pretreatment
Aluminium	Chromate conversion
Steel	Zinc phosphate or iron phosphate
Zinc coated steel	Zinc phosphate or chromate conversion

Powder application

This product can be tailored to customer's requirements and therefore curing schedules will differ. Please consult your Jotun Powder Coatings' representative and the product label on the packaging.

Curing schedule	Object temperature	Time
Reveal Style D J	200°C	15 min

Recommended film thickness (µm): 100-150

Equipment

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

APPEARANCE

Colour Available in a wide range of colours.

Gloss Available in low gloss.

Finish Wrinkle

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) 100-150

Typical values when tested.

Property	Standard	Result
Adhesion	ISO 2409	Cross-cut rating Gt0 (100 % adhesion)
Cupping test	ISO 1520	≥5 mm
Flexibility, cylindrical mandrel	ISO 1519	≥3 mm
Impact resistance	ASTM D2794 (5/8 " ball) (inch-pounds, front and reverse)	40/25
Resistance to neutral salt spray	ASTM B117	No blistering and maximum 2 mm corrosion creep from scratch after 504 hours
Resistance to humid atmospheres	ISO 6270-2	No blistering after 500 hours.
UV resistance	ASTM G154 (UVB-313)	Acceptable. Measured with respect to colour change (d(E) ≤ 1 after 300 hours exposure).

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.