

## Reveal Style D

### PRODUCT DESCRIPTION

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

### Application areas

This product is recommended for interior use.

Typical application areas:

Shop fittings  
Refrigerators  
Small appliances  
Indoor furniture  
Interior lighting  
Elevator doors

### POWDER PROPERTIES

Property	Standard	Result
Specific gravity	Calculated	Typically $1.6 \pm 0.2 \text{ g/cm}^3$

### Storage

Keep in a dry cool area. Maximum temperature 25 °C. Maximum relative humidity 60 %. If stored longer than 12 months a quality test 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 D6	160 °C	10 minutes
Reveal Style D8	180 °C	10 minutes
Reveal Style D0	200 °C	10 minutes

Other curing schedules can be created upon technical approval.

Recommended film thickness ( $\mu\text{m}$ ):  $\geq 50$

#### Equipment

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

## APPEARANCE

<b>Colour</b>	Available in a wide range of colours.
<b>Gloss</b>	ISO 2813 (60°)  Smooth D6 ≥90 D8 ≥20 D0 ≤ 20 and ≥ 90  Fine texture (Sahara) Visual check against master panels
<b>Finish</b>	Smooth and fine textured finishes.

## 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)	50-70

Typical values when tested.

Property	Standard	Result
<b>Adhesion</b>	ISO 2409	Cross-cut rating Gt0 (100 % adhesion)
<b>Cupping test</b>	ISO 1520	≥5 mm
<b>Impact resistance</b>	ASTM D2794 (5/8 " ball) (inch-pounds, front and reverse) Gloss < 20 Gloss 20-59 Gloss > 60	20/20 40/20 120/80
<b>Resistance to neutral salt spray</b>	ISO 9227 ISO 4628-2 ISO 4628-8	No blistering and maximum 2 mm corrosion creep from scratch after 240 hours
<b>Resistance to humid atmospheres</b>	ISO 6270-2 ISO 4628-2 ISO 4628-8	No blistering and maximum 2 mm corrosion creep from scribe after 504 hours

## Sustainability

Powder coating is applied in air-and-powder mix in a strictly controlled factory process using electrostatic gun and a high temperature curing oven to create film. Virtually no VOCs are released in the process compared to traditional liquid paints. Unused or oversprayed powder can be recycled with minimal wastage. In addition, all Jotun Powder Coatings' products do not contain intentionally added lead.

## Disclaimer

# Technical Data Sheet

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Jotun Protects Property

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.