

Reveal Edge W

PRODUCT DESCRIPTION

Reveal Edge is a range of bonded metallic powder coatings, developed with the designer in mind, to provide outstanding colours and finishes. The product has great recyclability and options for high corrosion resistance.

Application areas

This product is recommended for interior use on surfaces exposed to a wet and corrosive environment.

Typical application areas:

Dishwashers
Washing machines
Dryers

POWDER PROPERTIES

Property	Standard	Result
Specific gravity		Typically 1.4 ± 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 Edge W5	150 °C	10 minutes
Reveal Edge W6	160 °C	10 minutes
Reveal Edge W8	180 °C	10 minutes
Reveal Edge W0	200 °C	10 minutes

Recommended minimum film thickness 60 µm. Some sparkling products may require a higher thickness for full hiding depending on substrate.

Equipment

Suitable for Corona charging equipment.

APPEARANCE

Colour Available in a wide variety of metallic colours and effects upon technical approval.

Gloss Gloss levels are dependent on the effect and finish required.

Finish Smooth and textured finishes

Metallic/special effect powder coatings are more sensitive to variations in application, it is important to consider recommendations given in our Application Guidelines for Metallic Powder Coatings.

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) 60-80

Typical values when tested.

Property	Standard	Result
Adhesion	ISO 2409	Cross-cut rating Gt0 (100 % adhesion)
Pencil hardness test	ASTM D3363-05 (Derwent Graphic)	F
Cupping test	ISO 1520	≥ 5 mm
Flexibility, cylindrical mandrel	ISO 1519	≤ 5 mm
Impact resistance	ASTM D2794 (5/8 " ball) (inch-pounds, front and reverse) Smooth, gloss > 60 Smooth, gloss 40-59 Smooth, gloss < 40 Fine texture Coarse texture	100/80 60/40 40/20 40/20 40/20
Resistance to NaOH	5 % NaOH solution	No change after 20 hours exposure in room temperature
Resistance to detergent	1 % washing machine detergent	No change after 72 hours exposure in 40 °C water solution
Resistance to neutral salt spray	ISO 9227	No blistering and maximum 2 mm corrosion creep from scratch after 500 hours
Resistance to humid atmospheres	ISO 6270-2	No blistering and maximum 2 mm corrosion creep from scratch after 720 hours

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.

Technical Data Sheet

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