

## Guard Miles+ E H

### PRODUCT DESCRIPTION

This is a powder coating that is designed to provide good appearance, optimised hiding, and improved mileage performance. It also offers operational efficiency in terms of uniform powder utilisation.

No special equipment is required to benefit from Guard Miles+ mileage and hiding properties.

### Application areas

This product is recommended for exterior use.

Typical application areas:  
Air conditioners

### POWDER PROPERTIES

Property	Standard	Result
Specific gravity		Typically $1.65 \pm 0.10 \text{ g/cm}^3$

### 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
Guard Miles+ E8 H	180 °C	10 minutes
Guard Miles+ E6 H	160 °C	10 minutes

Other curing schedules can be created upon technical approval.

Recommended film thickness (µm): 40-60

#### Equipment

Suitable for Corona or Tribo charging equipment.

### APPEARANCE

<b>Colour</b>	The product is available in light colours.*	
<b>Gloss</b>	EN ISO 2813 (60°)	60-90*
<b>Finish</b>	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).

\* Other colours and gloss levels are available upon technical approval.

## PERFORMANCE

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

Substrate	Zinc phosphated cold rolled steel or galvanised steel
Substrate thickness (mm)	0.8 (Cold rolled steel) / 0.9 (Galvanised steel)
Film thickness (µm)	40-60

Typical values when tested.

Property	Standard	Result
<b>Pencil hardness test</b>	ASTM D3363-05 (Derwent Graphic)	Scratch hardness: ≥ H
<b>Film hardness</b>	EN ISO 2815	Indentation resistance according to Buchholz: >80
<b>Cupping test Erichssen</b>	ISO 1520	≥ 5 mm
<b>Impact resistance</b>	ASTM D2794 (5/8 " ball)	100/80 inch-pounds (front and reverse)
<b>Adhesion</b>	ISO 2409	Cross-cut rating Gt0 (100 % adhesion)

## 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.