

Reveal Lite AW F

PRODUCT DESCRIPTION

This clear power coating is especially formulated to satisfy the OEMs requirements of the automotive wheel industry for mechanical performance, weathering resistance and excellent appearance in colour and clarity.

Its outstanding gloss retention and stone-chipping corrosion protection properties are combined with optimum functional properties to ensure the highest levels of protection to car wheels.

Application areas

These product series are highly recommended to meet OEM's requirements. Please contact your local sales representative for more information.

Primary application areas:

Standard aluminium alloy wheels
Diamond-cut or polished aluminium wheels
Slit rim aluminium wheels
Exterior parts

POWDER PROPERTIES

Storage

Recommend reefer truck to transport. Maximum temperature 25 °C. Maximum relative humidity 65 %. Keep in a dry cool area. Under these mentioned conditions, product shelf life is 6 months from date of manufacture.

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 Lite AW 89F	10 minutes	180 °C

Equipment

Suitable for Corona or Tribo charging equipment.

APPEARANCE

Colour The product is colourless and highly transparent.

Finish Glossy clear coat

PERFORMANCE

Property	Standard	Result
Cross cut adhesion	DIN 53151B	Gt 0
Pencil hardness test	ASTM D3363	H-2H
Impact resistance	ASTM D2794	60/60 inch-pounds
Chipping resistance	TSH1553G	Pass
Humidity resistance	DIN 50017	1000 hours
Water resistance	40C*240 Immersion	Gt 0
Accelerated weather resistance (Xenon)	TSH1585G	Minimum 1000 hours
CASS	ASTM B 368	Maximum 3 mm, 240 hours
Filiform	One cycle consists of ASTM B 117 24 hours/DIN 50017 120 hours/ room temperature 24 hours	Maximum 2, 8 cycles
Salt spray test	ASTM B117	No creep or blistering after 1000 hours
Resistance to solvent		No wrinkling, cracking, blisters or peeling

*The results shown are based on mechanical and chemical tests which (unless otherwise indicated) have been carried out under laboratory conditions and are given for guidance only.
Actual product performance will depend upon the circumstances under which the product is used.*

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.