



JOTUN

It's not just powder. It's mileage.

Guard Miles+

Simply gives you more

Powder Coatings

Industrial

Jotun GreenSteps 

Simply gives you more

Today's ever-growing demand for industrial consumer goods comes with an increasingly high expectation for quality coatings that offer high operating efficiencies, cleanability and greater protection from daily exposure, in very demanding interior or exterior corrosive environments.

This is why at Jotun, we introduced Guard Miles+, our range of high-performance powder coatings, designed to give you more mileage and better operating efficiencies, together with optimal protection and cleaning properties.

The operating efficiency of Guard Miles+ is achieved through higher productivity, more mileage and more flexible curing schedules, making these products best suited for high volume producers and coaters of large surfaces.

Typical Guard Miles+ applications include refrigerators, freezers, microwave ovens, cookers, dishwashers, washing machines, heating radiators and air conditioners.

Whether you're looking for more hiding power at lower thickness, more corrosion protection against harsh indoor or outdoor environments, flexible curing or just a partner you can trust, choosing Guard Miles+ guarantees you complete peace of mind.

Guard Miles+ is available in a range of white and some selected colours with other colours available on technical approval.

Guard Miles+

...simply gives you more





Powder Coatings



Guard Miles+
Powder Coatings



Enhanced surface mileage

Defined as the amount of surface covered by a certain amount of powder at a given hiding power, surface mileage is probably the most important indicator of operational efficiency.

Because mileage and hiding power are intrinsically linked, Guard Miles+ has been specifically developed to offer the industry a simple solution to enhance both the mileage and the hiding of the coated objects without having to invest in any special equipment.

Guard Miles+ is easy to apply, offering the same level of hiding power at a lower thickness compared to other standard powder products.

In Guard Miles+, the most advanced manufacturing technologies are being used to provide the Original Equipment Manufacturers (OEMs) and the applicators optimised mileage and material utilisation properties. This unique combination enables them to opt for a cost effective application (more mileage and flexible curing temperature) solution without compromising on the finish.

Using Guard Miles+ can result in a more uniform and lower average film thickness, improved coating leveling, better powder penetration into corners and recesses and improved productivity as well as reduced maintenance costs, rejects and waste.

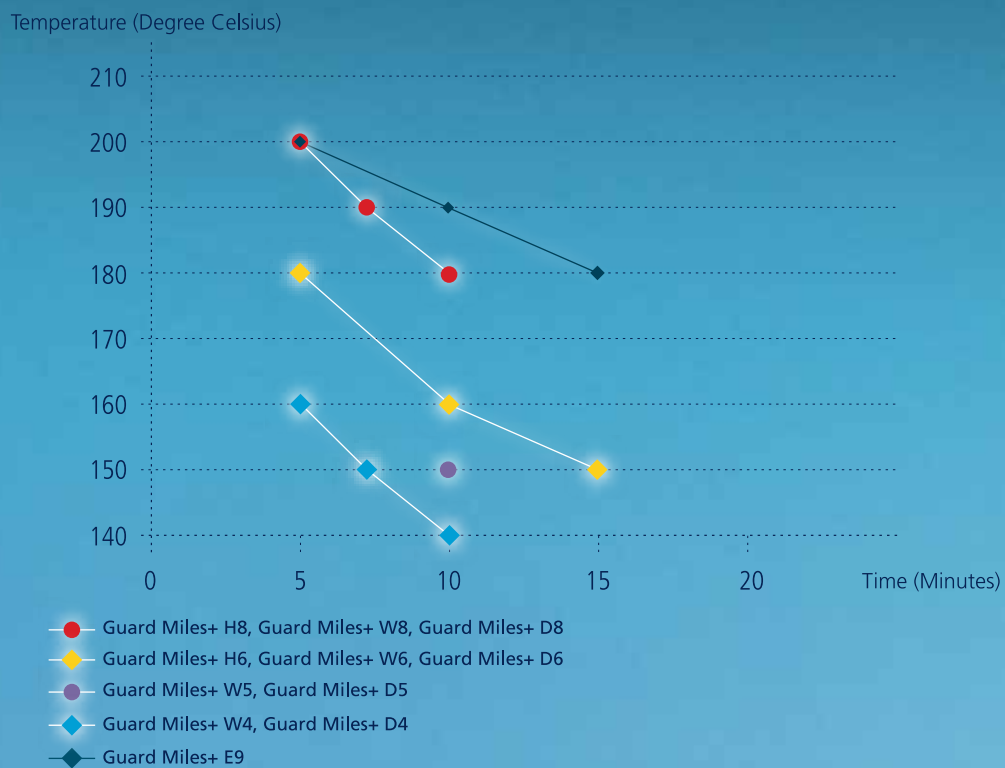
Increased flexibility of curing schedule

We understand how important the curing schedule is to your operational efficiency, so we have designed Guard miles+ to give you the freedom to choose. You can use our standard 180°C /10 min product or we can offer grades that can fully cure at temperatures as low as 140°C/10 mins, or at higher temperatures but with a faster curing time.

Lower temperature or faster curing can offer considerable savings in production costs compared to standard cure products through

- Energy savings derived from reduced oven temperatures
- Increased productivity and faster line speeds due to quicker cure rates
- Manufacturing flexibility and efficiency in allowing variable oven heat-up times for different applications

Developed for interior or exterior applications, Guard Miles+ is available with curing temperatures as low as 140°C. For more details, please consult our representative or the relevant technical data sheet.





A Jotun GreenSteps Product

This product isn't just a step towards outstanding protection for your property; it is also a step towards a better environment. It is one of many Jotun products that qualifies to be a part of the Jotun GreenSteps programme – a programme that makes a significant difference to the world we all share, with steps like waste and hazardous material reduction, product innovations that reduce energy usage, new processes that lower our carbon footprint and creating more products with lower Volatile Organic Compound (VOC) emissions. By using this Jotun GreenSteps product, you are part of a journey to a greener, more colourful world.

Environmental benefits of Powder Coatings

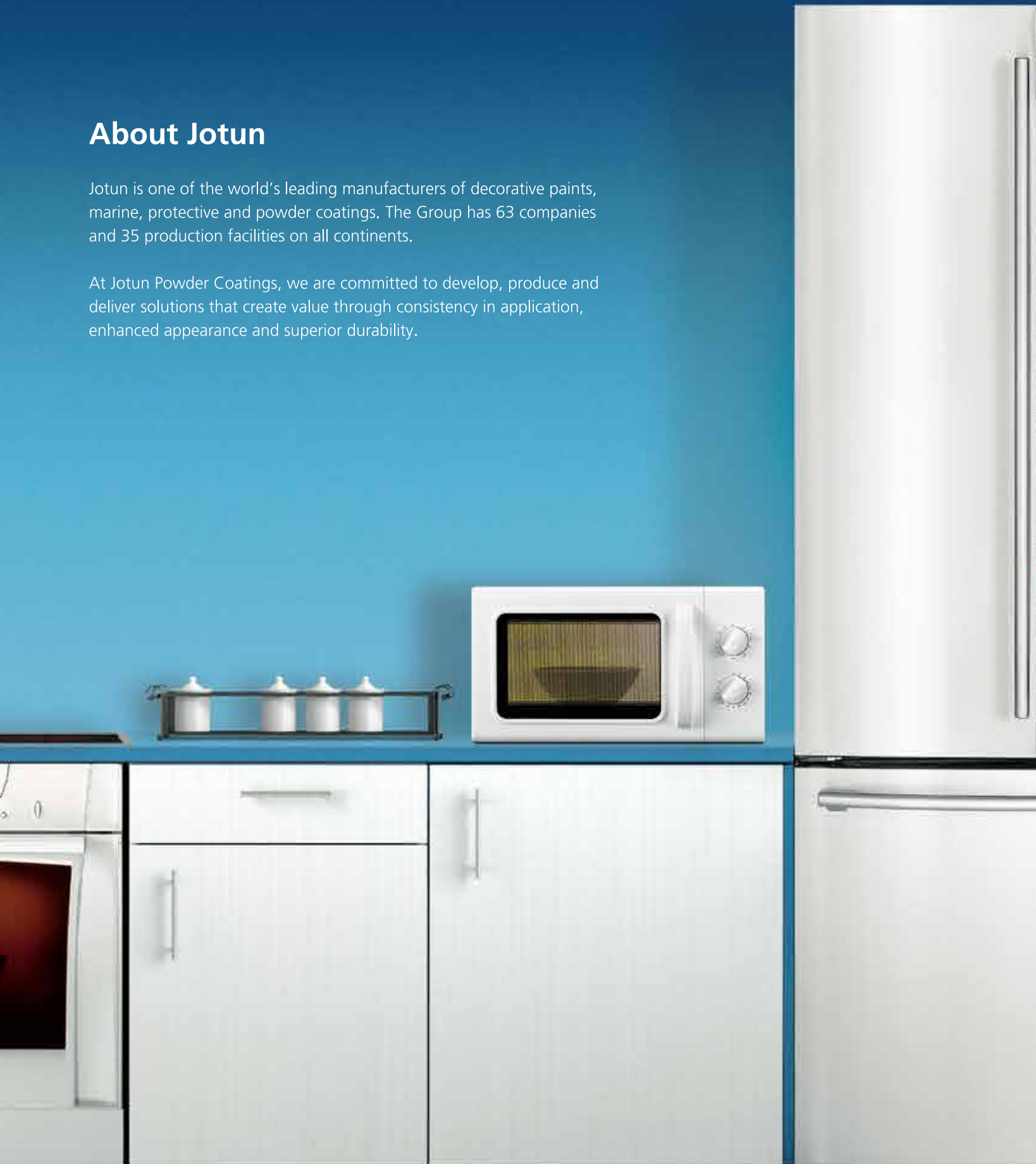
Environmentally friendly, powder coatings do not contain solvents, so no VOCs are released into the air. Unused or oversprayed powder can be recycled with minimal wastage, and disposal is easy and safe. In addition, all Jotun Powder Coatings' products are lead-free.



About Jotun

Jotun is one of the world's leading manufacturers of decorative paints, marine, protective and powder coatings. The Group has 63 companies and 35 production facilities on all continents.

At Jotun Powder Coatings, we are committed to develop, produce and deliver solutions that create value through consistency in application, enhanced appearance and superior durability.





Stay in touch

We offer company training on our product portfolio and powder coating technology through a number of powder schools that we run for our customers. Feel free to contact your local sales representative for more information on Guard Miles+ or any of our other products.

Guard Miles+ ...*simply gives you more*

Product Description

Products	Usage Conditions	Examples of Application Areas	Curing Schedule	Gloss Level*	Colours
Guard Miles+ H8	Hot	Cookers, ovens, radiators and similar surfaces exposed to high temperature	Standard cure 180°C/10min 190°C/7min 200°C/5min	75 - 95**	Whites and selected colours (browns, greys, blacks, wine red)**
Guard Miles+ W8	Wet	Washing machines, dryers, dishwashers and similar surfaces exposed to wet and corrosive environments			
Guard Miles+ D8	Dry	Refrigerators, rice cookers, smaller appliances and similar surfaces exposed to a dry environment			
Guard Miles+ H6	Hot	Cookers, ovens, radiators and similar surfaces exposed to high temperature	Lower flexible cure 150°C/15min 160°C/10min 180°C/5min	75 - 95**	Whites and selected colours (browns, greys, blacks, wine red)**
Guard Miles+ W6	Wet	Washing machines, dryers, dishwashers and similar surfaces exposed to wet and corrosive environments			
Guard Miles+ D6	Dry	Refrigerators, rice cookers, smaller appliances and similar surfaces exposed to a dry environment			
Guard Miles+ W5	Wet	Washing machines, dryers, dishwashers and similar surfaces exposed to wet and corrosive environments	Lower flexible cure 150°C/10min	75 - 95**	Whites and selected colours (browns, greys, blacks, wine red)**
Guard Miles+ D5	Dry	Refrigerators, rice cookers, smaller appliances and similar surfaces exposed to a dry environment			
Guard Miles+ W4	Wet	Washing machines, dryers, dishwashers and similar surfaces exposed to wet and corrosive environments	Lower flexible cure 140°C/10min 150°C/7min 160°C/5min	75 - 95**	Whites and selected colours (browns, greys, blacks, wine red)**
Guard Miles+ D4	Dry	Refrigerators, rice cookers, smaller appliances and similar surfaces exposed to a dry environment			
Guard Miles+ E9	Exterior	Air-conditioners and all outdoor domestic appliances	Standard cure 180°C/15min 190°C/10min 200°C/5min	60 - 90**	Light colours**

*Gloss scale is as per ISO 2813 (60°)

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



Scan QR code to find out more or visit [jotun.com](https://www.jotun.com)



Jotun Protects Property