

AkzoNobel

Interpon EC Easy Clean

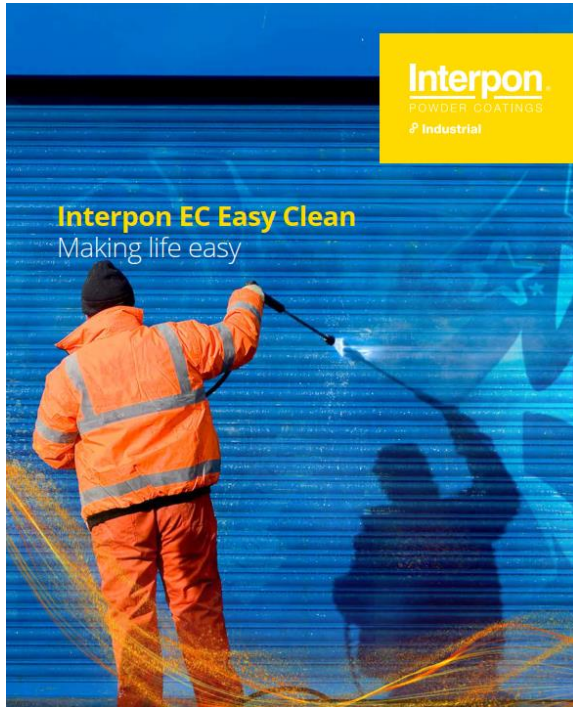
Making life easy

Customer presentation

October 2023

Interpon EC Making life easy

AkzoNobel



Interpon powder coatings support those who need reliable, quality performance, and whose products set their own standards of excellence.

Some of those products, however, need more protecting than others, having to endure not only general wear and tear, the weather and the impact of their environment, but also the expensive challenge of unwanted graffiti.

While to some, graffiti is art, to the majority it is a nuisance. Interpon EC features a range of properties that helps graffiti to be quickly and easily removed, even on multiple occasions, without damaging the integrity of the film surface or impacting its appearance or durability performance.

Interpon EC

Making life easy

Interpon EC provides outstanding permanent protection against defacement of public and private property by spray paints, marker pens and other similar tools. And it doesn't just protect against graffiti; the low porosity-absorption characteristics of Interpon EC also makes it highly resistant to scratches and abrasions, chemicals, and corrosion.

Interpon EC can be used in a range of different applications and environments to protect trains, trams and other public transport vehicles and infrastructure as well as street furniture, outdoor adult recreational and children's playground equipment.

It is also ideally suited to protect roller doors and retail shutters, electrical cabinets, EV charging stations, personal lockers, and classroom whiteboards from being permanently defaced.

Interpon EC

Leading benefits

Exceptional resistance to graffiti, general wear and tear, corrosion and the environment

Extends the lifetime of the coated product/object, retaining its looks and performance for longer, and creating a better experience for the end-user/customer. Extending the product Lifecycle also reduces the product's total cost of ownership.

Excellent physical properties and outstanding chemical resistance

Helps to create surfaces that are very easy to clean and maintain, simply by using widely available commercial cleaning agents, but without damaging the integrity of the surface. Graffiti can be removed on multiple occasions while the durability and appearance of the coating is enhanced.



Interpon EC

Leading benefits

One coat application or as a clear topcoat

Improves production line efficiency for the coater by making the powder coating quick and easy to apply, reducing costs, energy consumption, and accelerating delivery schedules.

Zero/near zero VOC compounds

Delivers a proven, sustainable solution for an anti-graffiti coating being free of VOCs and creating minimal/zero waste when being applied.

Extensive range of colours and textures

Provides coaters and OEMs with a broad choice of finishes to suit different applications and needs including gloss, satin and matt. Different textures* and clear coats are also available.



* Textures may impact performance. A structured finish, for example, makes cleaning more difficult and reduces the stain resistant properties of the coating.

Interpon EC

Comprehensive product offer

Product range	Anti graffiti performance	Emissions during curing	Gloss options			Finish options		
			Gloss	Satin	Matt	Smooth	Fine texture	Coarse texture
Interpon EC 1301	Excellent	Moderate	Yes	Yes	No	Yes	No	No
Interpon EC 1201 ★	Very Good	Low	Yes	Yes	No	Yes	No	No
Interpon EC 1101	Good	Low	No	No	Yes*	No	Yes*	Yes
Interpon EC 1100	Good	Zero	Yes	Yes	Yes*	Yes	Yes*	Yes

* A matt finish is only available with a fine texture.

★ Default Interpon EC quality offer

Interpon EC

Deciding features

Interpon EC is based on a high crosslinked polyurethane science to deliver the optimum in anti-graffiti performance and conform to international railway industry standards.

Typical anti-graffiti cycle test applied to Interpon EC product - based on railway industry standards

Step N°	Step Description	Details
1	Graffiti deposition	Graffiti types: - acrylic spray, permanent marker, red lipstick - permanent marker, acrylic spray, nitro/acrylic spray, alchidic spray, water based spray
2	Ageing (of the graffiti)	2hrs@80°C or 8hrs@40°C
3	Cleaning (graffiti removing)	Removal of the graffiti with defined remover and protocol
4	Re-conditioning of the coatings	2hrs@room T or 24hrs@room T