

Interpon Redox Active: Powder solution for corrosion protection

Robust primer system
with wide curing
window and excellent
edge protection

The technology:
protection by passivation of steel

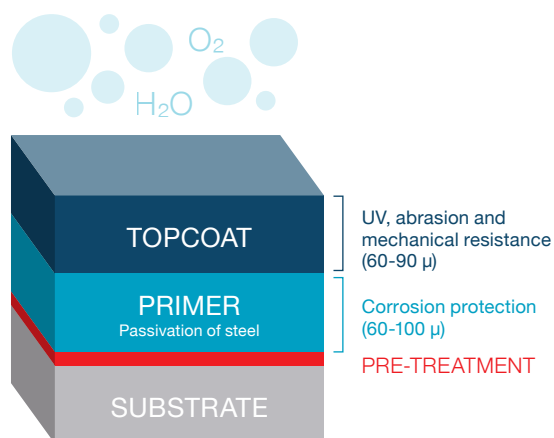
Powder coatings make it possible to delay the infiltration of corrosion underneath the coating, by using corrosion-inhibiting pigments which have the capacity to passivate the steel substrate. This technology is used to slow down the rate of reaction with the water/oxygen mix, or to neutralize the acid ions caused by humidity.



The product: Interpon Redox Active

Interpon Redox Active is a powder primer with active anticorrosive pigments that cause a passivation effect to protect the substrate. It has been formulated to offer the best adhesion for the topcoat – powder or liquid.

This versatile and zinc-free primer offers robust protection, even in case of varying coating thickness or curing schedules. It can be formulated in different colors to approach the color of the topcoat and be used as a holding primer for up to six weeks. And because it is easy to apply and offers excellent edge coverage, this system is especially suitable for complex objects.



Surface treatment

Zinc phosphate

Grit blasting (Sa 2,5)

✓ Steel / Aluminium

C1	C2	C3	C4	C5
		H	M	L
		H	M	L

Durability ranges based on the ISO 12944 standard

Low (L)	up to 7 years
Medium (M)	7 to 15 years
High (H)	15 to 25 years
Very High (VH)	more than 25 years



Product characteristics & advantages

- Robust corrosion protection performance up to 7 years in corrosivity level C5 for steel
- Known and appreciated for its ease of application on complex objects
- Suitable for objects with varying levels of substrate thickness
- Performs well across a variety of curing schedules
- Provides excellent edge coverage
- Designed for use with chemical and mechanical pre-treatment
- Can be used as holding primer for up to 6 weeks
- Available in a broad variety of colors
- Compatible with a wide range of topcoats
- VOC-free, solvent-free, and zinc-free
- No carcinogenic, mutagenic, reprotoxic (CMR) substances

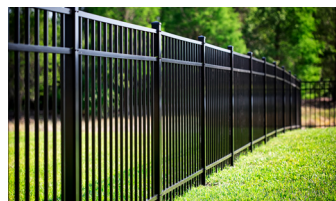
The right solution for your project

Interpon Redox Active primers come with over 20 years of proven corrosion protection track records across the globe.

Examples of use



Shutters



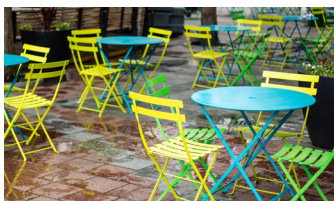
Fencing



Machinery



Power transformers



Street furniture



Battery generators



Fire equipment



Sweepers

Colors & product codes

Available from our Ready to Ship (RTS) range



RAL 7040
EL140G

More colors are available on request (see below, all made to order). Please contact your local AkzoNobel sales representative.



RAL 9005
EN1A0E



RAL 5015
EJ138E



RAL 6024
EK120E



RAL 7047
FL137E



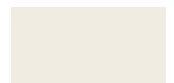
RAL 7040 ca
EL555E



RAL 3012
EU200E



RAL 3016
EV105E



RAL 9010
EA1A4E



RAL 9016 ca
FA107E



RAL 1011 ca
FE107E



RAL 1017 ca
EE100E



RAL 1024
EE108E