

Interpon Redox Plus: Powder solution for corrosion protection

Durable protection for a wide variety of substrates and pre-treatment methods



CORROSION PROTECTION

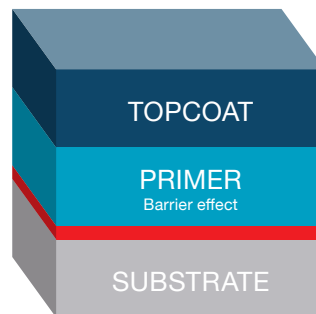
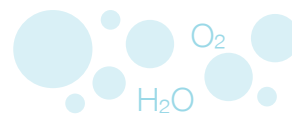
The technology: protection by barrier effect

The purpose of the barrier effect protection technique is to isolate the substrate from its environment with a water and airproof barrier coating. Oxygen and other corrosive agents are thus prevented from making direct contact with the steel, and consequently no corrosion can form.

The product: Interpon Redox Plus

Interpon Redox Plus provides superior performance and excellent barrier protection in any kind of situation. As our most versatile primer, it can be used on multiple substrates in surfaces with chemical or mechanical pre-treatment.

This two-layer system is made up of a pure epoxy primer overcoated with a topcoat (powder or liquid). It incorporates barrier effect agents and achieves a high level of cross-linking in the polymer matrix. This combination significantly enhances the performance when compared with other systems, such as normal epoxy primers.



UV, abrasion and mechanical resistance (60-90 µ)

Corrosion protection (60-100 µ)

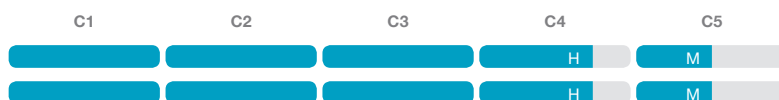
PRE-TREATMENT



Surface treatment

Zinc phosphate

Grit blasting (Sa 2,5)



✓ Steel / HDG Steel / Aluminium / Zintec

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

- Strong protection against corrosion and rust, up to level C5
- Extra tough and durable – high resistance to damage
- Ease of application: spray as conventional powder coatings
- Offers a smooth finish to different substrates
- Systems available for both porous and non-porous metal substrates
- Designed for use with chemical and mechanical pre-treatment
- Can be used as holding primer
- Compatible with a wide range of topcoats
- VOC-free, solvent-free, and zinc-free

Colors & product codes

Both available from our Ready to Ship (RTS) range



RAL 7032
AL251F



RAL 7032
New: AL258F

NEW: Interpon Redox Plus AL258F with wide & low curing window (improved version of Interpon Redox Plus AL251F)

- No carcinogenic, mutagenic, reprotoxic (CMR) substances
- Improved mechanical properties – better flexibility
- Improved edge coverage – now 20% higher/thickness

The right solution for your project

Interpon Redox Plus primers have proven their sound corrosion protection performance in over 25 years of track records across the globe.

Examples of use



Steel gates



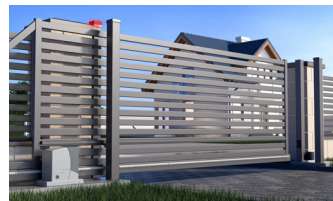
Outdoor furniture



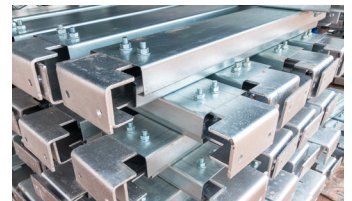
Electrical Cabinets



Fencing



Sliding gates



Galvanized substrates



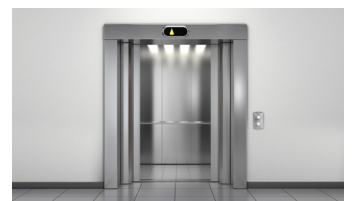
Gas Stations



Agriculture



Steel doors



Lifts