

Interpon Redox Three-layer system

Extremely protective three-layer system for highly corrosive environments

The technology: a combination of cathodic protection and barrier effect

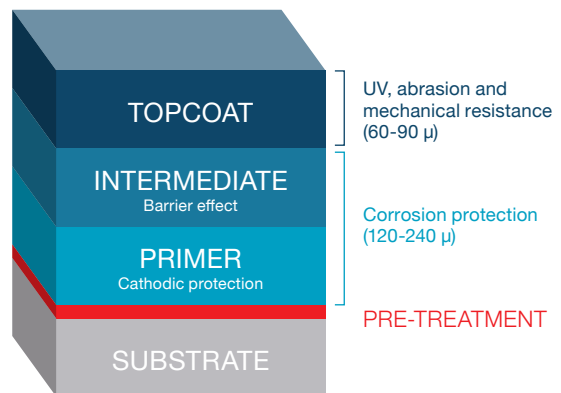
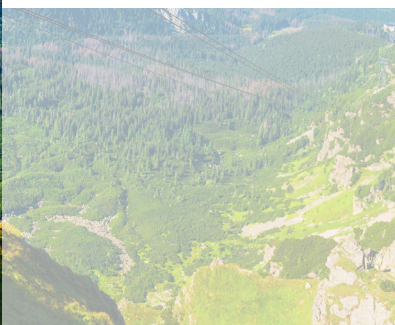
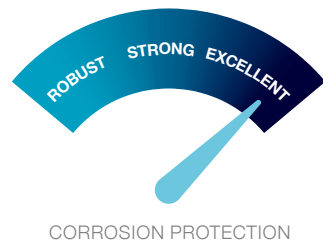
Cathodic protection is a method where the substrate metal is connected to a more reactive, "sacrificial metal", that will corrode instead of the protected substrate.

The Barrier Effect protection technique isolates 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.

Our Three layer system layers these two technologies, providing extremely strong corrosion protection for environments up to C5 level.

The product: Interpon Redox Three-layer system

The three-layer **Interpon Redox** system combines zinc-rich primer **Interpon Redox PZ** (cathodic protection) with the barrier-protective primer **Interpon Redox Plus** – finished with the Interpon topcoat of your choice. It is intended mainly to protect steel objects that are pre-treated through grit or shot blasting and is ideal for environments with high humidity or salinity.



Surface treatment

Zinc phosphate

Grit blasting (Sa 2,5)

✓ Steel



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

- Ultra-strong corrosion protection performance up to C5 environments
- Combination of barrier and cathodic protection
- Ideal for high-humidity and high salinity environments
- Excellent edge coverage
- Compatible with a wide range of topcoats
- VOC-free, solvent-free

Colors & product codes

Available from our range



RAL 7012 cca
ALZ90F

+



RAL 7039 cca
AL117N

Examples of use



Cable cars & chair lifts



Swimming areas



Steel windows frames



Wind turbines



Chemical plant



Heavy industry

The right solution for your project

Interpon Redox Three layer systems have proven their excellent corrosion protection performance across the globe, for example on the America's Cup Building (Veles e Vents) in Valencia, Spain.

