



anticorrosive treatment table - metal structure

| PAINT ¹ | THICKNESS | DESCRIPTION ¹ | CORROSIVENESS OF ENVIRONMENT ² | | | | EXPOSURE | | RETENTION | | PROPERTIES | | | | PHYSICAL | |
|--------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------|-----------|----------------------------|----------|---------|-----------|--------|-----------------|-----------------|-----------------|-------------------|----------|----------|
| | | | LOW (C1/C2) | AVG. (C3) | HIGH (C3) | VERY HIGH (C5) indus./sea. | INSIDE | OUTSIDE | SHINE | COLOUR | RESISTANCE rain | RESISTANCE heat | RESISTANCE acid | RESISTANCE alkali | ABRASION | HARDNESS |
| Zinc-rich epoxy resin | 1 X 60 μ | Anticorrosive zinc-rich epoxy primer, with a zinc content in dry film of 80%, guaranteeing cathodic protection. | + | + | - | - | + | +- | - | - | + | + | - | - | +- | +- |
| Primer finish | 1 X 120 μ | Anticorrosive primer (2 in 1), with the desired colour from the RAL catalogue, applied in one thick coat. | + | + | - | - | + | +- | +- | +- | +- | +- | +- | +- | +- | +- |
| Zinc-rich epoxy resin + Acrylic paint | 1 X 60 μ + 1 X 60 μ | Anticorrosive zinc-rich epoxy primer, covered with an acrylic paint finish in the desired colour from the catalogue. | + | + | - | - | + | +- | +- | +- | +- | +- | +- | +- | +- | +- |
| Zinc-rich epoxy resin + Micaceous iron oxide + Polyurethane enamel | 1 X 60 μ + 1 X 100 μ + 1 X 40 μ | Anticorrosive zinc-rich epoxy primer, followed by an intermediate coat of epoxy, coloured with micaceous iron oxide and finished with polyurethane enamel in the desired colour from the RAL catalogue. | + | + | + | + | + | + | + | + | + | + | + | + | + | + |



+ RECOMMENDED +- ACCEPTABLE - NOT RECOMMENDED

¹ After blast-cleaning at level SA 2.5, according to ISO 8501-1.
² General indications according to standard EN 12944-5.

Examples of areas with significant corrosion, according to INETI:
 C5 - Barreiro / C4 - Leixões and Sines / C3 - Reguengos / C2 and C1 - Most of the country

Apart from the treatments shown here, other treatments are available depending on the specific needs of the type of work and location.