



## Corrosion (Rusting, Rust under paint)

### Description

Corrosion of the metal surface resulting in blistering, discoloration, disintegration and loss of adhesion of the paint film, especially around panel edges, seams and body fittings.

### Cause

- Inadequate metal surface pre-treatment;
- Contaminated metal surface before application;
- Rust not completely removed before painting;
- Paint removed by stone shipping or scratches;
- Exposure of bare metal surfaces with surroundings;
- Polyester putty applied over bare metal surface and wet sanded;

### Prevention

- Treat the metal surface with adequate surface pre-treatment products;
- Do not expose bare metal and treat it as soon as possible;
- Repair chips and scratches as soon as possible, before rust develops;
- Treat the metal surface with correct primer (wash primer, etch primer or epoxy primer) prior to painting;
- Use dry sanding method for polyester putty;

### Rectification

- Sand the paint to the bare metal, remove rust, apply correct primer and repaint.