



Crazing (Checking, Cracking, Alligatoring, Crocodiling)

Description

Crazing is cracking that resembles *checking* but the cracks are deeper and broader.

Cause

- New paint work is incompatible with previous paint;
- Application of a too heavy coat, excessive film thickness;
- Coat applied over inadequately dry undercoat or too thick undercoat;
- Insufficient flash off time between coats;
- Wrong thinner, insufficient thinning;
- Omitting the hardener when mixing 2K paints;

Prevention

- Ensure new paint work is compatible with old substrate;
- Apply in medium coats, not in heavy ones;
- Allow sufficient flash off and drying time between coats;
- Mix paint thoroughly;
- Use only recommended thinners and hardeners;
- Carefully follow recommendations in the Technical Data Sheets;

Rectification

- Sand the affected area to sound condition and repaint;
- If cracking cannot be removed by sanding, remove all layers to bare metal and repair;