



Acid attack (Acid rain, Bird droppings, Environmental contamination, Etching, Industrial fallout)

Description

Discolored spots, irregular patches and visible etching marks in the topcoat. Disintegrating surface, loss of gloss, possible cracking or crazing in the affected area. Chemical corrosion of the paint film.

Cause

- Acid rain or industrial fallout containing effluents from chemical and agricultural industries and power stations. Industrial effluents may be acidic or alkaline, and in the presence of water they will dissolve to give acid or alkaline solutions;
- Use of detergents on new painted surfaces;

Prevention

- Protect vehicle during storage;
- Immediately clean and wash with mild detergent and water;
- Frequent washing of vehicle;
- Avoid use detergent on new painted surfaces;

Rectification

- Rub damaged areas with rubbing compounds and polish;
- If severe attack, remove the paint, ensure that contaminants are removed and refinish;