

# Mottling

**Also known as:** striping, banding, shadowing, flooding, floating, misting, precipitation, blooming, bloom, bleaching

## **Description**

Occurs mainly in metallic's & Ultra Deep Based Colours when product forms a spotty or striped appearance.



## **Origin and Potential Causes:**

- Unsuitable thinner or reducer for application conditions.
- Materials incorrectly or not uniformly mixed.
- Spraying too wet.
- Holding spray gun too close to work or incorrect nozzle size.
- Uneven spray pattern.
- Incorrect spray PSI or gun setup
- Low shop temperature.
- The flash time between coats
- Coat affected by wet or humid air/weather.
- Water in airline.

## **Prevention Techniques:**

- Select the thinner or reducer that is suitable for existing shop conditions and mix properly. In cold, damp weather, use a faster-dry solvent.
- Stir all pigmented topcoats - especially metallic's - thoroughly.
- Use proper gun adjustments, techniques, air pressure & nozzle size.
- Keep your spray gun clean (especially the needle fluid tip and air cap) and in good working condition.
- Do not spray metallic's too wet.
- Keep spray gun parallel to panel.
- Follow application recommendations per the Technical Data Sheet

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