

Bumper Color Variation

Have you ever noticed a difference in color between the plastic and metal parts of your vehicle?

Due to the complex and ever evolving technologies used in modern vehicles, there may be some inherent color variations between the different parts of your vehicle.

Causes of Color Variation

1. During the OEM paint process, plastic bumpers are often painted separately from the main body of the vehicle using different paint technologies; as plastic parts cannot withstand the high bake process that metal parts undergo.
2. Color variations occur even if the body and the bumpers are painted at the same time, with the same paint. This is caused by the fundamental differences in the surface properties of the two substrates.
3. The evaporation rate for solvent varies over metal or plastic. A longer rate gives a flake pigment addition time to 'float' which can darken the face of the color.
4. Light reflects differently on curved and flat surfaces, which cause the appearance of a color shift.



We recognise the importance of ensuring your vehicles paint quality and appearance; that's why we use Sikkens, who provide us with the best color technologies available to minimise any color variation.