



PRESSURE MOTTLING

TECHNICAL BULLETIN

Vol. 8, No. 13

JANUARY 2017

PRESSURE MOTTLING

Pressure mottling, also known as pressure marking or imprinting, is an inconsistent gloss pattern in the panel or flat sheet. Pressure mottling is flattening of the top coat (figure 1) which will appear as horizontal stripes in the panel face (photo 1) or a random pattern in the flat sheet (photo 2). Pressure mottling is normally caused by the stacked weight of the bundles or panels, but high temperatures and condensation in the stack can cause this also. This phenomena is most visible in dark, low gloss colors on non-embossed no profile panels or flat sheets. This is a not a product defect and will dissipate over time. The coating will recover within a few days after the material is exposed to sun light or warm exterior temperatures (figure 2).

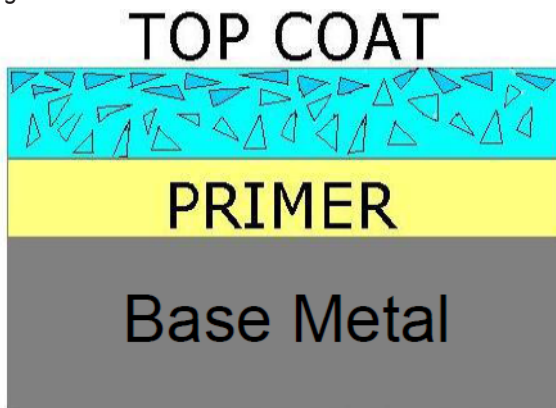
Photo 1



Photo 2

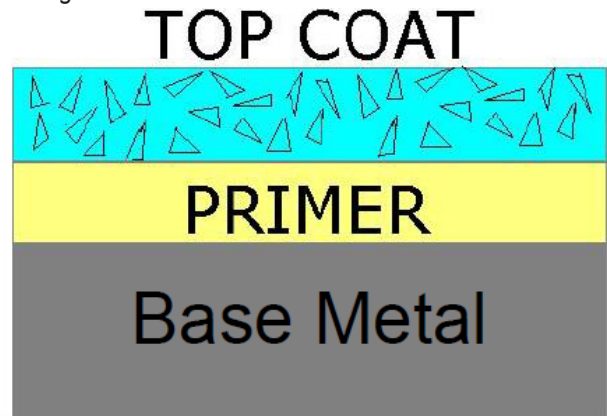


Figure 1



Sample crossview showing "suppressed" gloss components

Figure 2



Sample crossview showing gloss components in normal suspension

Source Toolkit #19 National Coil Coating Association.



METL-SPAN

1720 LAKEPOINTE DRIVE, SUITE 101
LEWISVILLE, TX 75057
877.585.9969
INFO@METLSPAN.COM

© 2019 Metl-Span, part of the Cornerstone Building Brands family. All Rights Reserved.

