



# PRESSURE MOTTLING

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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).

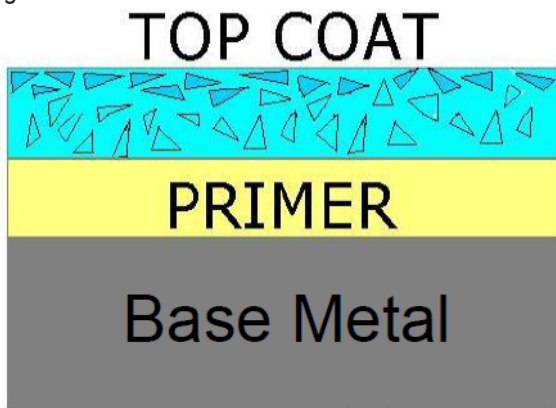
Photo 1



Photo 2

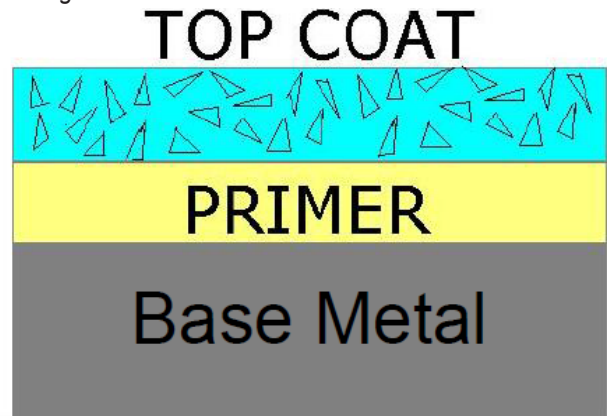


Figure 1



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

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