



ALBOND Aluminium Composite Panel Color Tolerances

STANDART

EN 1396 standart "Aluminium and aluminium alloys - Coil coated sheet and strip for general applications – Specifications" recommends that when the color measured according to EN 13523-3 standart it shall not differ from the agreed standart by:

White and pastel colours $\Delta E \leq 1$

Other colours $\Delta E \leq 2$

DEVICE FOR COLOR

Results are obtained from spectrophotometers which has a d8 geometry and calculates the delta differences with Hunter color space (also known as CIE LAB)

OUR TOLERANCE

Our target is to keep whitish colors $\Delta E < 0,8$ and other solid colors $\Delta E < 1,0$; for metallic and other effects $\Delta E < 2,0$. Visual color control according to EN 13523-22 is essential for surfaces which has effect.

ATTENTION !

FOR METALLIC and EFFECT FINISHES

At metallic, flip-flop effects, wrinkle effect surfaces the flakes will tend to align in one direction during coating. This increases the directionality of the panel appearance. Panels which have these type of finishes should be installed with the directional arrows aligned in the same direction and lots should not be mixed on a building face.

FOR ANODISED LOOK FINISHES

In anodized look finishes, the makeup of the metal can affect the visual appearance since the coatings are transparent. Panels which have these type of finishes should be installed with the directional arrows aligned in the same direction and lots should not be mixed on a building face.

FOR DESIGN FINISHES

The design finishes which are to simulate wood and stone aspects are made up of multiple layers of different lacquers. ΔE comparison is not possible due to the multi-colored field. Panels which have these type of finishes should be installed with the directional arrows aligned in the same direction and lots should not be mixed on a building face.