



Pure Paper Color & Metal d'Oberflex

Aligning raised patterns between several panels

Introduction :

Dimensional and structural variations are generally inherent to the laminated panels. These dimensional and/or structural variations are mainly due to the components, the manufacturing process (structural variations before trimming) and also storage conditions (dimensional variations after trimming).

Tolerances :

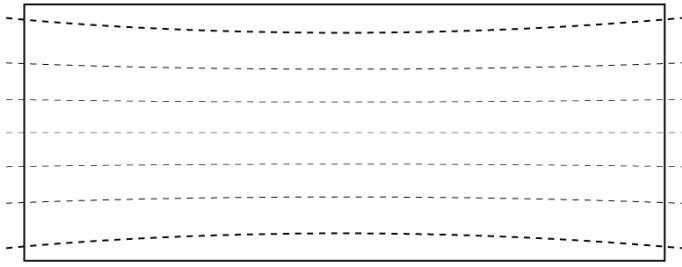
Pure Paper Color textured laminate sheets meet the EN-438 and accept structural and dimensional variations of :

- 5.5 millimeters per meter lengthwise.
- 10.5 millimeters per meter widthwise.

Metal d'Oberflex textured laminate sheets meet the EN438 which allows for a structural and dimensional variation of :

- 12.5 mm per meter widthwise.
- 10.5 mm per meter lengthwise.

The structural variations are characterized as follows:



Therefore, the geometric raised patterns in the Color and Metal lines (all products except Skin and Figured) should not be expected to be perfectly symmetrical and/or connectable.

Recommendations to take into account for an optimized application

Proper installation following the few recommendations listed below will help optimize the visual homogeneity of raised patterns between panels.

Advice #1:

The Pure Paper laminate sheets as well as the various components used as part of the installation (substrates, backing boards) have to be stored flat in an enclosed space, away from humidity with a hygrometry level between 40 to 60% and a temperature between 18°C to 22°C.

Advice #2:

It is preferable to keep track of the serial numbers of the laminates sheets to organize the order of the installed panels. Please note that in a same series, the dimensional and structural variation between two sheets is limited.

Advice #3:

Following the orientation of the sheets. Follow the top and bottom orientation of the sheets when doing the pattern layout (coloured marker on the bottom left corner of each sheet).

Advice #4:

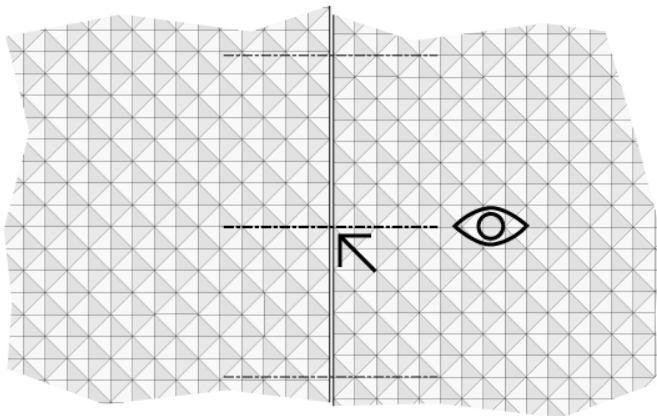
Avoiding mixing length - standard length panels (2500 mm) with long-length panels (3050 mm).

Advice #5:

Managing the first sawing - laminates sheets are always supplied with the left long side aligned to the first line of patterns. For each Pure Paper sheet, take into account this point of reference to align the panel with the sheet. Therefore, it is recommended to respect this side of reference when gluing the panel on a base material or for the first trimming.

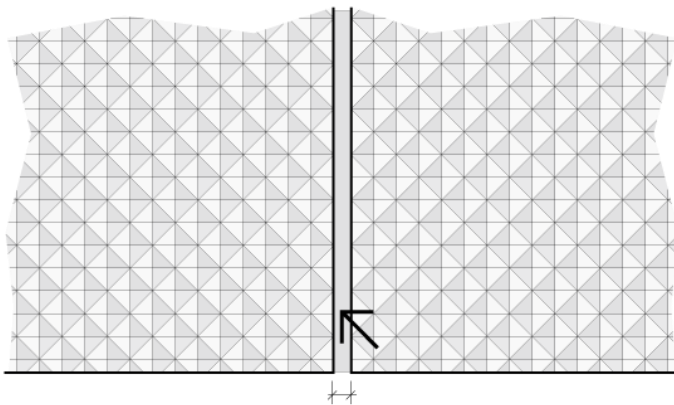
Advice #6:

Opting for the visible part and set optimal alignment points (or areas) at eye level.



Advice #7:

A space (open-joint) between 2 panels helps limit or eliminate the visual impact of incorrect pattern alignments that may occur.



Advice #8:

The Ober design team is available to help its clients achieve optimal pattern layout and homogeneity.