

## QC Defining the standard for Architectural Flatness

### ALUMINUM HONEYCOMB METAL PANEL FLATNESS GUARANTEE

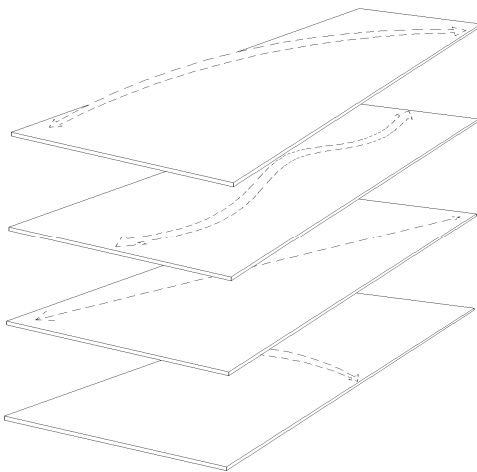
DOCUMENT: FG190101

DATE OF VALIDATION: 01 JAN 2019

SUPPORTING ENTITY: QC FACADES LLC



Among the flattest architectural metal panels in the architectural space QC Facades broadens the confidence of designers and specifiers. Utilizing aviation technology with honeycomb micro perforation construction, individual panels expand and contract while remaining glass flat without dissimilar elongation properties and avoiding plastic/polymer cores which can cause differential movement. Bonding of an all-aluminum constructed panels eliminates hotspots, scalloping, bowing and buckling. These flaws are inherently resolved when using honeycomb constructed methodology backed by time-tested results on the world's most premiere projects. Combining a factory constructed honeycomb panel and system ensures the greatest tolerances void of unsightly oil canning and cupping imperfections. Our panels are glass flat and we stand behind them! At more than double the industry standard we offer a flatness guarantee of  $\pm 1/16"$  (1.5mm) per 60".



**CROWN:**  $\pm 1\text{mm}$   
*Indexed distance out of plane between furthest extreme edges of the panel*  
**WAVE:**  $\pm 1\text{mm}$   
*Multiple points out of plane across and surface of the panels*  
**DIAGONAL:**  $\pm 1.5\text{mm}$   
*Dimensional elongation from extreme point to extreme point*  
**BOW:**  $\pm 0.5\text{mm}$   
*Indexed distance out of plane between closest edges*