

For large format tiles with one edge greater than 15", the American National Standards Institute (ANSI) specification sets forth a maximum allowable flatness tolerance for ceramic tile. The standard recommends that the substrate have no more than a 1/8" variance in 10', and no more than 1/16" variation in 24".

Grout joint widths shall be three times the variation in the facial dimension of the tile and never be less than 1/16". Facial variation commonly occurs when tiles are pressed and not rectified. The only instance where a butt joint can be used is