Cross tile | Arrow tile

Coloured stripes match across vertices. 'Out' arrow matches to 'in' arrow.

Unfolded Cube - mirror image is not distinct when folded.

Cube - 3D view

Section of a tiling with a fault line.
Cross is opposite Arrow tile at distance $2^0$ from fault line. If right $1/2$ plane is shifted up one unit this misalignment is corrected but another exists at distance $2^1$. Generally, misalignments can occur at distances $2^k$ from the fault line. Shifting right $1/2$ plane down one unit leaves possibility of misalignment for $2^k$, $k > 1$. 