

UNBALANCED DOOR CONSTRUCTION REGARDING AUTOMATIC FLUSHBOLT PREPS

Automatic flush bolt preps in the inactive leaf of a pair of wood doors causes unbalanced construction (veneer/laminate on one face only) at the top and bottom corners of the meeting edge.

The unbalanced construction at these locations may cause the prep to warp, spread or open up. This is not considered a defect in workmanship or material, but rather a natural occurrence with unbalanced construction of a wood product.

If this situation should occur, there are a few remedies that can be used.

1. Drill holes through the face of the door for set screws that will screw into holes on the side of the flush bolt and pull the prep back together (see auto flush bolt template at right).
2. Use a metal channel or astragal on the edge to keep the prep from warping.
3. Use a stainless steel clip (3/4" long by 1-3/4" wide with 1" legs) that can be slipped onto the top or ease of the door, secured in place with adhesive. This will be furnished by VT Industries if requested.

To avoid the possibility of warp or spread, the use of an extension flush bolt should be considered.

