



How to Bowed Door

Recommended procedure of measuring a bowed door

The recommended method of measuring a bow on a composite door when checking against the accept/reject tolerance is described below.

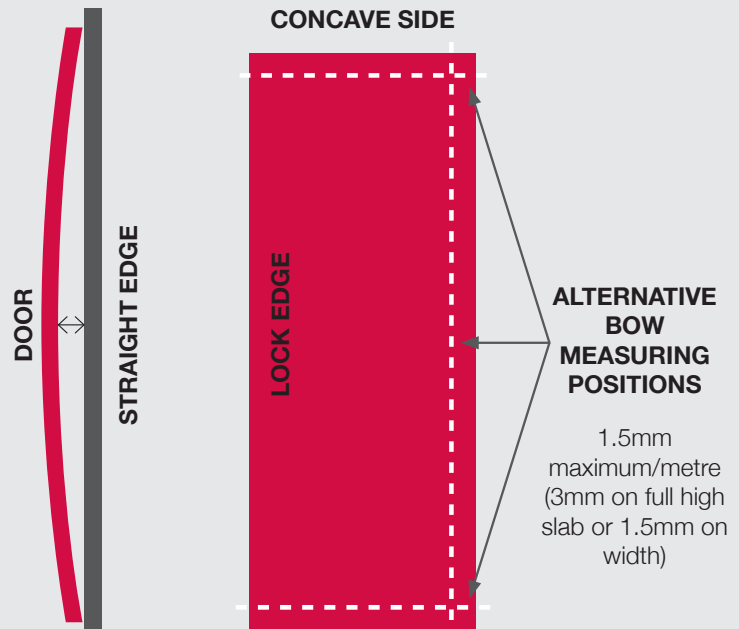
If a door slab is showing a degree of bow this will be exhibited as concave on one side and convex on the opposite side.

The bow measurement should always be taken on the concave side by placing a full length straight edge against the door and measuring the deviation at the central point on the straight edge.

Measurements are not to be taken on the convex side as this does not give a true reflection of bow as defined.

The diagram is exaggerated to illustrate the above.

When the door is closed to help avoid bowing ensure top and bottom locking points are engaged to assist in the reduction of thermal movement.



If the door blank is fitted, you must ensure the frame is plumb and square.

Replacing a door blank will not resolve a poor installation, Frame checks must be completed.

Three images similar to the below must be supplied per reported door blank.



Full external face



Straight edge on concave face



Measurement between door & straight edge

Please Note; it is recommended that fabricators pass this information to their customers. This is to ensure that they do not invalidate the warranty by poor installations that will affect the performance of the door-set once installed.