

## D7107 FIXING INSTRUCTIONS for Outward Opening Doors

\*65mm spacing from the hinge axis will give an opening angle of approximately 90°. Decrease this dimension for greater angles (e.g. 95° - 100°) or increase dimension for restricting the door to 80° - 85° approx.

All dimensions and instructions are for typical timber doors and frames including door stops and may vary slightly for doors made from other materials or alternative hinges.

1) Screw friction box to underside of the door frame. The edge of the friction box plate should be positioned 65mm\* away from hinge axis (see drawing above). The friction box plate should be fixed parallel and just clear of the door face when closed.

For maximum movement follow step 2) For restricted movement follow step 3)

2) With the door in closed position place angled plate on door surface and slide it towards the hinge side of door, leaving some clearance between arm and angled plate which will allow unimpeded movement. Screw to door face ensuring that angled plate is parallel to top rail.

3) With the door in closed position determine the distance from the top edge of angled plate to the underside of the door frame top rail leaving some clearance between arm and plate which will allow unimpeded movement as door opens and closes. Open door to required opening position, slide angled plate as far away as possible from hinge side of door, screw to door face ensuring angled plate is parallel to top rail.

4) If more or less friction is required adjust hexagonal bolt accordingly. It is very important that the friction is checked and adjusted regularly. The D7107 device is designed to control the speed of opening and closing a door or window: it is NOT a door stop or holder. To prevent damage to the door or adjacent cladding a supplementary door holding device should be fitted particularly if the building is in an exposed position.

