



Product Code 0780



KEY PRODUCT FEATURES

- Pre assembled and ready to fit.
- Unique integral flag cover allowing easy access to lateral adjustment.
- Compression adjusts in a linear motion with no effect on lateral adjustment which reduces the possibility of the door 'binding' in operation.
- Available in a full choice of finishes including Gold (PVD), Chrome, White, Brown, Black and Tan. Other finishes available upon request. 10 year guarantee.
- All finishes are UV rated.



TECHNICAL SPECIFICATION

The Patriot midi hinge is a slimmer version of the Patriot high security hinge, this makes it ideal for slimmer frames without encroaching plaster lines. Incorporating all the same benefits as its sister product, the midi hinge is adjustable in 3 dimensions with concentric compression adjustment. The product is supplied assembled and ready to fit, which dramatically improves the fitting process. Compression and vertical height adjustments are simply undertaken by the use of one Allen key in the same action. In addition, compression adjustments operate in only the perpendicular plane and not an eccentric motion. This eliminates unwanted lateral movement, so preventing sash distortion. Once set, both the vertical height and compression adjustments are retained in the desired position by a unique 'click stop' device thus eliminating the need for a secondary plug retainer.

TESTING AND ACCREDITATION

Corrosion resistance on all finishes to the requirement of BS EN 1670 Grade 4.
Operational durability - tested to 100,000 cycles.

PRODUCT MATERIAL SPECIFICATIONS

Zinc die cast components - ZL2.
Stainless steel parts - 430 S17.
Plastic parts - Nylon 66, UV stabilised ABS and ACETAL.

NORMAL STEP HEIGHTS AND SHIMS

High hinge - TRO-0780-2005 = 16.00mm stack height.
High hinge - TRO-0780-2002 = 19.25mm stack height.
High hinge - TRO-0780-2004 = 21.50mm stack height.

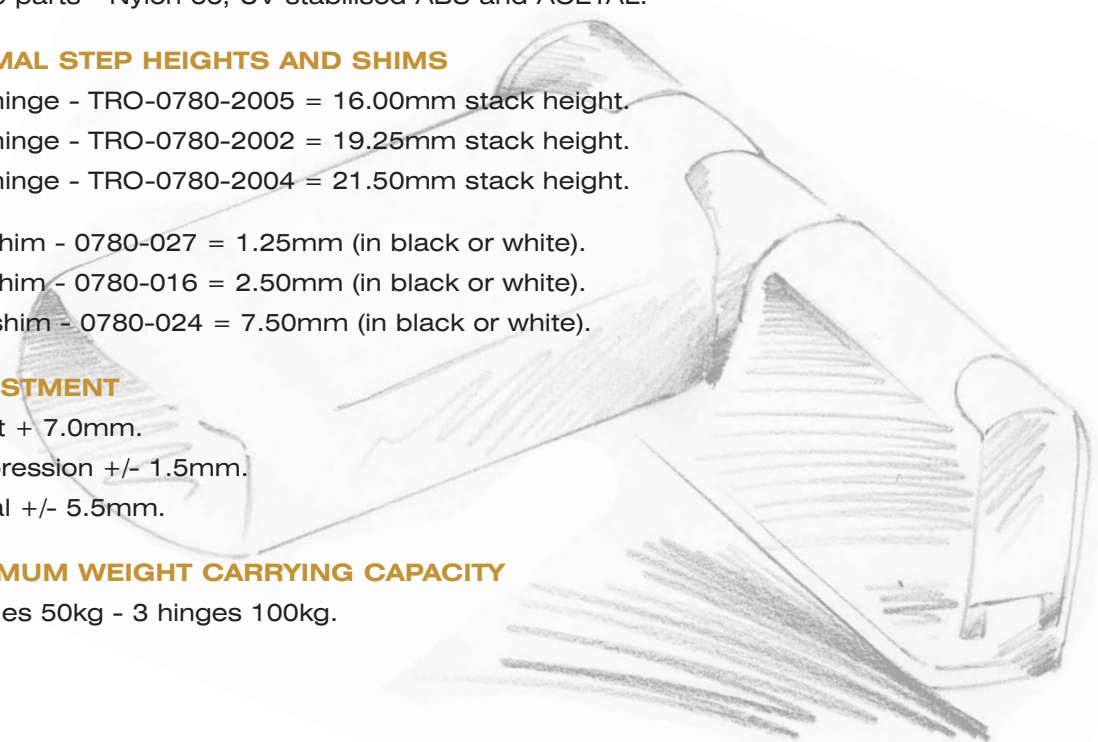
Low shim - 0780-027 = 1.25mm (in black or white).
Low shim - 0780-016 = 2.50mm (in black or white).
High shim - 0780-024 = 7.50mm (in black or white).

ADJUSTMENT

Height + 7.0mm.
Compression +/- 1.5mm.
Lateral +/- 5.5mm.

MAXIMUM WEIGHT CARRYING CAPACITY

2 hinges 50kg - 3 hinges 100kg.



The Strength of Hardware Design