



PRODUCT BULLETIN

NEW greenteQ SIGMA DOOR HINGE

Door Hinge

greenteQ Sigma is a premium quality flag hinge for rebated doors with upstand heights between 13.5 and 25.5mm, utilising either of the two body sizes along with additional packers if required (supplied separately).

The hinge is available in six colour options (white, brown, tan, black, polished gold and polished chrome) and all have been tested to achieve a corrosion resistance of grade 5, BS EN 1670.

Sigma is able to carry sashes of 80kg with two hinges or 120kg with three, and provides a maximum opening angle of 190°.

Adjustment is carried out in three directions with a standard 5mm Allen key. Lateral adjustment of +/- 5mm is available, along with +/- 0.75mm for compression. An additional compression adjustment of +/- 0.75mm can be achieved by rotating the pin bush during assembly.

Height adjustment of +/- 1mm is possible, whilst any gap between the sash and frame parts is hidden by the gap cover.

The Sigma hinge has been styled to match the existing range of Hoppe door handles, and is designed to comply with BS EN 1935, Single-Axis Hinges. They are capable of meeting the requirements of PAS23 (General Performance Requirements for Door Assemblies). To help reduce the effectiveness of a direct attack, there is a minimal space between the flag and body. Using the large fixing screws supplied, these hinges are able to help obtain and exceed the requirements of PAS24 (Enhanced Security Performance for Door Assemblies)

- Adjustment gap cover
- Allows up to 190° opening angle
- Full 3D adjustment
- Capable of exceeding PAS23 and PAS24
- Styled to complement Hoppe door handles



Sigma Door Hinge 13.5 - 16.5mm

Item Code	Colour
2QDH0001	White RAL 9016
2QDH0002	Brown RAL 8019
2QDH0003	Tan RAL 8003
2QDH0004	Black RAL 9005
2QDH0005	Pol Gold
2QDH0006	Pol Chrome



Sigma Door Hinge 18.5 - 21.5mm

Item Code	Colour
2QDH0011	White RAL 9016
2QDH0012	Brown RAL 8019
2QDH0013	Tan RAL 8003
2QDH0014	Black RAL 9005
2QDH0015	Pol Gold
2QDH0016	Pol Chrome



Packer White per 100

Item Code	Size
2QDH0021	1mm
2QDH0022	2mm
2QDH0023	3mm
2QDH0024	4mm



Packer Black per 100

Item Code	Size
2QDH0031	1mm
2QDH0032	2mm
2QDH0033	3mm
2QDH0034	4mm



Fitting Jig

Item Code	Size
2QDH0050	One size