

## ATHENA HINGE (COMPOSITE)

The heavy duty Athena Hinge is suitable for Composite Doors. The patented Athena Hinge's strength comes from its double knuckle construction. Three Athena Door hinges have a combined carrying weight of 100kg, making them perfect for heavy duty applications such as large or triple glazed Composite Doors. The slim sightline Athena Hinge offers a slim aesthetically pleasing design with an unobtrusive appearance.



**Product Code**  
**0713 – 2003**

### SPECIAL FEATURES SUMMARY:

- Height and lateral adjustment achievable with door closed (Full Float Technology for visual alignment)
- No unsightly gaps visible following adjustment
- PAS 24: 2016 compatible as part of a door assembly
- Double knuckle construction for increased load bearing
- Fitter and installer friendly (Lift On, Lift Off door design)
- Available in White, Black, Brown Oak (UV stabilised), Polished Chrome, PVD Gold and Satin Silver, (any RAL finishes available upon request)
- Guarantee\* 10 year mechanical
- Patented unique design



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### TECHNICAL SPECIFICATION

#### Product Material Specifications:

- Zinc alloy
- Stainless Steel – Grade 430
- Plastic – GF Nylon, UV stabilised ABS and Acetal

#### Adjustment:

- Height: +/- 4mm
- Lateral: +/- 4mm

#### Maximum Weight Carry Capacity:

- 3 hinges carry 100kg

#### Testing:

- Corrosion tested to BS EN 1670
- Painted finishes Grade 5, plated finishes Grade 4
- Alternatively 1,000 hours anti-corrosion on special painted finishes
- Conforms to EN1191 – tested to 100,000 cycles
- Can achieve PAS 24: 2016 as part of a door assembly

#### Carton Quantity:

- 24 per carton



\* Guarantee subject to correct installation and maintenance

#### Trojan Manufacturing Group Limited

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Trojan Group operate a continuous development and improvement programme and therefore reserve the right to amend designs and specifications.



### ASSA ABLOY

An ASSA ABLOY Group brand Registration No: 2096505  
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