

## TEST CERTIFICATE

Certificate Number: **TC/03/05/01/C1**

Date of issue: **6<sup>th</sup> May 2003**

Report Numbers: **128391**

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This is to certify that samples of: **H104 – Traditional Hi-Load bearing Hinge**

Manufactured by: **Royde and Tucker at the High Cross Centre in London**

have been successfully type tested according to:

**BS EN 1935: 2002 – Building hardware – single axis hinges  
Requirements and test methods**

Classification:

<b>3</b>	<b>7</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>11</b>
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by the examination and application of the performance tests for :-

Clause no.	Description
5.1 / 6.4	Initial measurements - Friction < 4Nm
5.2.1 / 7.3.2	Load deformation - 160 Kg
5.2.2 / 7.3.3	Overload - 240 Kg
5.3 / 7.4	Shear strength - 3kN
5.4 / 7.5	Endurance - 200,000 cycles
5.5 / 7.1.5	Corrosion resistance - Grade 1 (24 hours, Mild Steel hinge)
5.6	Fire resistance doors - Yes (Certifire CF209)

Issued by: Paul Duggan, Senior Test Engineer

*Paul Duggan*

Date: <sup>6</sup> 17 June 2003

Authorised by: John Saberton, Test Laboratory Manager

*J. Saberton*

Date: 23-06-03

for and on behalf of :- **Warrington APT Laboratories Ltd**



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