

TEST CERTIFICATE

Certificate Number: **TC/02/04/03/C1**

Date of issue: **22nd April 2002**

Report Numbers: **275 PCT**

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This is to certify that samples of: **K9 4" x 3" Stainless Steel 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:

| | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|-----------|
| 4 | 7 | 6 | 1 | 1 | 3 | 0 | 13 |
|----------|----------|----------|----------|----------|----------|----------|-----------|

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 - 240 Kg |
| 5.2.2 / 7.3.3 | Overload - 360 Kg |
| 5.3 / 7.4 | Shear strength - 10 kN |
| 5.4 / 7.5 | Endurance - 200,000 cycles |
| 5.5 / 7.1.5 | Corrosion resistance - Grade 3 (96 hours, Stainless steel hinge) |
| 5.6 | Fire resistance doors - Yes |

Issued by: Paul Duggan, Senior Test Engineer

Date: **23rd APRIL 2002**

Authorised by: Ian Keeling, Senior Test Engineer

Date: **24th APRIL 2002**

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

