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## CERTIFICATE OF APPROVAL

### No CF 255

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This is to certify that, in accordance with  
TS00 General Requirements for Certification of Fire Protection Products  
The undermentioned products of

## ROYDE & TUCKER LIMITED

UNIT 6, BILTON ROAD, CADWELL LANE, HITCHIN,  
HERTFORDSHIRE, SG4 0SB, UNITED KINGDOM

Tel: 01462 444444 Fax: 01462 444433

Have been assessed against the requirements of the Technical Schedule(s)  
denoted below and are approved for use subject to the conditions  
appended hereto:

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**CERTIFIED PRODUCT**  
Letterplate Assemblies

**TECHNICAL SCHEDULE**  
TS32 - The contribution of  
letterplates and their  
accessories to fire resisting  
and smoke control doorsets  
with metallic or non-  
metallic leaves

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited

Paul Duggan  
Certification Manager

Issued: 15<sup>th</sup> July 2002  
Reissued: 15<sup>th</sup> April 2026  
Valid to: 23<sup>rd</sup> October 2029





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1. This certification is provided to the client for their own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
2. Royde & Tucker letterplates comprises of an aluminium or stainless steel external frame with an aluminium or stainless steel internal frame, aluminium or stainless steel internal flaps and aluminium or stainless steel external flaps and where required a stainless steel internal cowl, the letterplates are fitted with intumescent protection material as supplied by Royde & Tucker. (Ref:123-023).
3. Royde & Tucker letterplate assemblies comprise a range of systems with intumescent liner material (Ref:123-023).

This approval applies to the LP02-44, LP02-49, LP02-54, LP02-64, LP03-44, LP03-49, LP03-54, LP03-64, LP05-44, LP05-49, LP05-54, LP05-64, LP06-44, LP06-49, LP06-54, LP06-64, LP08-44, LP08-49, LP08-54 and LP08-64 variants mounted horizontally. It relates to their use with the following door assemblies:

**Code ITT - 30 minute to 60 minute door assemblies door assemblies incorporating intumescent perimeter seals and consisting of timber faced and edged leaves with timber or cellulosic cores, hung in timber or cellulosic frames.**

**Code ITM - 30 minute to 60 minute door assemblies door assemblies incorporating intumescent perimeter seals and consisting of timber faced and edged leaves with timber or cellulosic cores, hung in steel frames.**

**Code IMM / MM - 20 minute to 60 minute door assemblies consisting of uninsulated or insulated predominantly steel leaves, hung in steel frames with or without intumescent seals.**

**\*Use in composite-based is not certificated for letterplates mounted horizontally**

This approval also applies to the LP02V-44, LP02V-49, LP02V-54, LP02V-64, LP03V-44, LP03V-49, LP03V-54, LP03V-64, LP08V-44, LP08V-49, LP08V-54 and LP08V-64 steel letterplates variants mounted vertically. It relates to their use with the following door assemblies:

**Code ITT - 30 minute to 60 minute door assemblies door assemblies incorporating intumescent perimeter seals and consisting of timber faced and edged leaves with timber or cellulosic cores, hung in timber or cellulosic frames.**

**Code ITM - 30 minute to 60 minute door assemblies door assemblies incorporating intumescent perimeter seals and consisting of timber faced and edged leaves with timber or cellulosic cores, hung in steel frames.**

**\*Use in composite-based or steel-based door leaves is not certificated for letterplates mounted vertically**



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4. The letterplates are approved on the basis of:
- i) Initial type testing
  - ii) An appraisal against TS32
  - iii) Certification of quality management system.
  - iv) Inspection and surveillance of factory production control
  - v) On-going audit testing in accordance with TS32 requirements
5. This approval is applicable only to the letterplates when mounted in the applications stated later under the Scope of Approval section of this certificate and used with door assemblies that are CERTIFIRE approved or have achieved the appropriate fire resistance performance when tested at a laboratory accredited to IS/IEC 17025 (under International Laboratory accreditation Cooperation (ILAC) membership), in accordance with BS 476: Part 22: 1987 and/or BS EN 1634:1.
6. The Letterplates may only be fitted in the manner described in this certificate and subject to any limitations on the inclusion of Letterplates specified for the door leaf.  
*Note: Letterplate positional and orientation limitations apply. See scope of approval.*
5. Letterplates shall only be fitted using the fixings supplied by the manufacturer.
6. The timber-based doorsets shall be installed in accordance with BS 8214.
7. The approval relates to on-going production. Product and/or its immediate packaging is identified with the manufacturer's name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.
8. The following minimum specification shall be followed, unless the chosen doorset has evidence to the contrary with letterplates of a similar size/specification:
- Timber-based assemblies:
- i) Door leaves shall have a minimum thickness of 44 mm for 30 minute applications and 54 mm for 60 minute applications.
- Steel-based assemblies (MM/IMM)
- i) Door leaves shall have a minimum thickness of 44 mm for up to 60 minute applications.
9. When fitted to insulated timber-based door assemblies, The required protection will be as follows, and is shown below:
- a. The required protection for 30 & 60 minute applications will be Royde And Tucker Part: 132-023 (graphite intumescent pack, 3 mm x 44 mm x 605 mm), fitted within the letter plate liner.

*Note: Failure to install the protection will invalidate this certificate*

## CERTIFICATE No CF 255 ROYDE & TUCKER LIMITED

10. The following table shows the acceptable doorset types and fire resistance periods:

**Approval Matrix (LP02-44, LP02-49, LP02-54, LP03-44, LP03-49, LP03-54, LP02-64, LP03-64, LP08-44, LP08-49, LP08-54 and LP08-64 positioned horizontally)**

Class	Approved Door Type			
	IMM	MM	ITT	ITM
<b>BS 476-22</b>				
FD20	✓	✓	✓	✓
FD30	✓	✓	✓	✓
FD60	✓	✓	✓	✓
FD90	x	x	x	x
FD120	x	x	x	x
FD240	x	x	x	x
<b>EN 1634-1</b>				
Integrity	IMM	MM	ITT	ITM
20	✓	✓	✓	✓
30	✓	✓	✓	✓
60	✓	✓	✓	✓
90	x	x	x	x
120	x	x	x	x
240	x	x	x	x
Integrity/insulation	IMM	MM	ITT	ITM
20	✓	✓	✓	✓
30	✓	✓	✓	✓
60	✓	✓	✓	✓
90	x	x	x	x
120	x	x	x	x
240	x	x	x	x

**Key:**

- ✓ - Approved based on the positional constraints outlined in the scope of approval
- x - Not approved

## CERTIFICATE No CF 255 ROYDE & TUCKER LIMITED

11. The following table shows the acceptable doorset types and fire resistance periods:

**Approval Matrix (LP05-44, LP05-49, LP05-54, LP06-44, LP06-49, LP06-54, LP05-64, LP06-64 positioned horizontally)**

Class	Approved Door Type			
	IMM	MM	ITT	ITM
<b>BS 476-22</b>				
FD20	x	x	✓	✓
FD30	x	x	✓	✓
FD60	x	x	✓	✓
FD90	x	x	x	x
FD120	x	x	x	x
FD240	x	x	x	x
<b>EN 1634-1</b>				
Integrity	IMM	MM	ITT	ITM
20	x	x	✓	✓
30	x	x	✓	✓
60	x	x	✓	✓
90	x	x	x	x
120	x	x	x	x
240	x	x	x	x
Integrity/insulation	IMM	MM	ITT	ITM
20	x	x	✓	✓
30	x	x	✓	✓
60	x	x	✓	✓
90	x	x	x	x
120	x	x	x	x
240	x	x	x	x

**Key:**

- ✓ - Approved based on the positional constraints outlined in the scope of approval
- x - Not approved

## CERTIFICATE No CF 255 ROYDE & TUCKER LIMITED

12. The following table shows the acceptable doorset types and fire resistance periods:

**Approval Matrix (the LP02V-44, LP02V-49, LP02V-54, LP02V-64, LP03V-44, LP03V-49, LP03V-54, LP03V-64, LP08V-44, LP08V-49, LP08V-54 and LP08V-64 steel letterplates positioned vertically)**

Class	Approved Door Type			
	IMM	MM	ITT	ITM
<b>BS 476-22</b>				
FD20	x	x	x	x
FD30	x	x	x	x
FD60	x	x	x	x
FD90	x	x	x	x
FD120	x	x	x	x
FD240	x	x	x	x
<b>EN 1634-1</b>				
Integrity	IMM	MM	ITT	ITM
20	x	x	✓	✓
30	x	x	✓	✓
60	x	x	✓	✓
90	x	x	x	x
120	x	x	x	x
240	x	x	x	x
Integrity/insulation	IMM	MM	ITT	ITM
20	x	x	✓	✓
30	x	x	✓	✓
60	x	x	✓	✓
90	x	x	x	x
120	x	x	x	x
240	x	x	x	x

**Key:**

- ✓ - Approved based on the positional constraints outlined in the scope of approval
- x - Not approved



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13. Doors are classified as the following types:

**Code ITT** - 20 minute to 120 minute door assemblies door assemblies incorporating intumescent perimeter seals and consisting of timber faced and edged leaves with timber or cellulosic cores, hung in timber or cellulosic frames.

**Code ITM** - 20 minute to 120 minute door assemblies door assemblies incorporating intumescent perimeter seals and consisting of timber faced and edged leaves with timber or cellulosic cores, hung in steel frames.

**Code MM** - 20 to 240 minute doorsets consisting of uninsulated or insulated predominantly steel leaves, hung in steel frames without intumescent seals.

**Code IMM** - 20 to 240 minute doorsets consisting of uninsulated or insulated predominantly steel leaves, hung in steel frames with intumescent seals.

#### **Scope of Approval:**

- The letterplate is a complete system using, stainless steel (LP02-44, LP02-49, LP02-54, LP02-64, LP03-44, LP03-49, LP03-54, LP03-64, LP08-44, LP08-49, LP08-54 and LP08-64), or aluminium (LP05-44, LP05-49, LP05-54, LP05-64, LP06-44, LP06-49, LP06-54 and LP06-64 only) plates and a PVC encased intumescent lining with maximum dimensions of 312 mm by 80 mm.
- Only the LP02V-44, LP02V-49, LP02V-54, LP02V-64, LP03V-44, LP03V-49, LP03V-54, LP03V-64, LP08V-44, LP08V-49, LP08V-54 and LP08V-64 steel letterplates are approved in the vertical orientation
- For BS 476: Part 22 FD30 & FD60 applications where the letterplate is fitted in a horizontal orientation the letterplate system shall be fitted at a minimum of 250 mm and maximum of 1700mm from the base of the door leaf to the middle of the aperture.
- For BS EN 1634-1 30 and 60 minute applications where the letterplate is fitted in a horizontal orientation the letterplate system shall be fitted at a minimum of 250 mm and maximum of 1700mm from the base of the door leaf to the middle of the aperture.
- For BS EN 1634-1 30 and 60 minute applications where the letterplate is fitted in a vertical orientation the letterplate system shall be fitted at a minimum of 1300 mm and maximum of 1600mm from the base of the door leaf to the middle of the aperture.
- The letterplate system may be fitted to cope with fire risk from either face.
- For ITM and ITT doorsets, the letterplate is approved for use only with door leaves comprising a solid cellulosic core.
- The letterplate has been evaluated against BS 476: Part 31.1 for the control of cold smoke and has a leakage rate of 1.5 m<sup>3</sup>/hr/m at 25 Pa.



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**ROYDE & TUCKER LIMITED**

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**Further Information**

Further information regarding the details contained in this certificate may be obtained from Royde & Tucker Limited (Tel: 01462 444444).

Further information regarding the CERTIFIRE certification and other approved products can be obtained from CERTIFIRE (Tel: 01925 646777).

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Signed  
CQB28702-1

EWC-QU-FT-733 (Issue 3)

Issued: 15<sup>th</sup> July 2002  
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