
CERTIFICATE OF APPROVAL

No CF 5502

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

CONSORT ARCHITECTURAL HARDWARE LTD

29-31 Lower Loveday Street, Birmingham,
B19 3SB, United Kingdom
Tel: 0121 359 8189

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

CERTIFIED PRODUCT

Consort Stainless Steel Sprung
Lever Handles

TECHNICAL SCHEDULE

TS82 The Contribution of Lever
Handles and Knob Furniture to
the Fire Resistance of Door
Assemblies

Signed and sealed for and on behalf of Exova (UK) Limited trading as
Warrington Certification



Sir Ken Knight
Chairman
Impartiality Committee



Paul Duggan
Certification Manager



Issued: 18th May 2017
Revised: 5th June 2017
Valid to: 17th May 2022

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Consort Stainless Steel Sprung Lever Handles

1. This approval relates to the following Consort steel, spring assisted, bolt-through lever handles:

CH100	CH199	CH299	CH399	CH499	CH599	CH599R	CH699	CH799
CH899	CH999	CH499SQ	CH899SQ	CH900	CH901	CH902	CH906	CH908
CH909	CH910	CH911	CH912	CH913	CH914	CH917	CH918	CH919
CH920	CH922	CH924	CH928	CH929	CH940	CH941	CH950	CH951
CH951B	CH952	CH952B	CH953	CH954	CH955	CH956	CH957	CH958
CH959	CH960							

2. This certificate is designed specifically to demonstrate compliance of the product or system with Approved Document B (England and Wales); the Technical Handbooks (Scotland); Technical Booklet E (N. Ireland). If compliance is required with other regulatory or guidance documents there may be additional considerations or conflicts to be taken into account.
3. This approval relates to the use of the family of lever handles/knob furniture with the following door assemblies:
- 4.
- Latched and unlatched, door assemblies consisting of timber faced and edged leaves with timber, cellulosic or mineral cores in timber frames having a fire resistance up to 120 minutes (Codes ITT and ITM).***
- Latched and unlatched door assemblies (intumescent sealed or non-intumescent sealed) consisting of metallic faced and edged leaves in steel frames, having a fire resistance of up to 240 minutes (IMM and MM).***
5. The hardware is approved on the basis of:
- i) Initial type testing to EN 1906 for mechanical properties
 - ii) Fire resistance testing.
 - iii) An appraisal against TS82
 - iv) Ongoing audit testing in accordance with TS82 & TS00 requirements
 - v) Certification of quality management system.
 - vi) Inspection and surveillance of factory production control
6. This approval is applicable only to the specified lever handle and knob furniture when used with door assemblies and the latch/lockset of proven fire resistance (as defined by EN 1634-1 or BS 476: Part 22: 1987). Failure to install the hardware in the appropriate manner will invalidate this certificate of approval.
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.

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8. The doors shall be the following minimum thickness:
- 44 mm - 30 minutes ITT and ITM
 - 54 mm - 60, 90 and 120 minutes ITT and ITM
 - 45 mm - Up to 240 minutes MM and IMM
9. When fitted to insulated timber or mineral composite door assemblies, the required protection to the mortice lock or latch shall be a minimum of:
- For 30 minute ITT applications – 1 mm thick mono ammonium phosphate, or 0.8 mm graphite-based intumescent sheet material to both sides of the lock case to the full height and depth.
 - For 60 minute ITT applications - 2 mm thick mono ammonium phosphate, or 0.8 mm graphite-based intumescent sheet material to both sides of the lock case to the full height and depth.
 - For 90 and 120 minute ITT applications - 2 mm thick mono ammonium phosphate of graphite-based intumescent sheet material to both sides of the lock case to the full height and depth
 - For MM/MM applications – None
- Failure to install the protection will invalidate this certificate*
10. The handles shall only be fitted to 90 and 120 minute ITT and ITM door assemblies which have previously been tested with mortice locks/latches with lever handles were fitted to both sides of the door, without detriment to the doorset's performance.
11. The spindle hole through the door shall be a maximum of 15 mm diameter.
12. Handles shall only be fitted using the bolt-through fixings supplied by the handle manufacturer.

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

Class	Approved Door Type				
	IMM	MM	ITT	ITM	ITC
FD20	✓	✓	✓	✓	✗
FD30	✓	✓	✓	✓	✗
FD60	✓	✓	✓	✓	✗
FD90	✓	✓	✓	✓	✗
FD120	✓	✓	✓	✓	✗
FD240	✓	✓	✗	✗	✗
E 20	✓	✓	✓	✓	✗
EI 20	✓	✓	✓	✓	✗
E 30	✓	✓	✓	✓	✗
EI 30	✓	✓	✓	✓	✗
E 60	✓	✓	✓	✓	✗
EI 60	✓	✓	✓	✓	✗
E 90	✓	✓	✓	✓	✗
EI 90	✓	✓	✓	✓	✗
E 120	✓	✓	✓	✓	✗
EI 120	✓	✓	✓	✓	✗
E 240	✓	✓	✗	✗	✗
EI 240	✓	✓	✗	✗	✗

Key:

- ✓ - approved
- ✗ - Not approved

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14. Doors are classified as the following types:

Type MM - 20 minute to 240 minute doorsets that consist of metallic leaves in metallic frames that do not contain intumescent materials in the frame to leaf gap.

Type IMM - 20 minute to 240 minute doorsets that consist of metallic leaves in metallic frames that contain intumescent materials in the frame to leaf gap.

Type ITT - 20 minute to 120 minute doorsets containing intumescent seals and consisting of non-metallic faced and edged leaves hung in timber frames

Type ITM - 20 minute to 120 minute doorsets containing intumescent seals and consisting of non-metallic faced and edged leaves hung in metal frames.

Type ITC - 20 minute to 120 minute doorsets containing intumescent seals and consisting of non-metallic faced and edged leaves hung in proprietary composite frames, of which the principal material is other than timber or metal but which may include any other materials.

Classification codes

The above approval provides the following classification for all products:

3	7	-	B	0	4	0	B
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Further Information

Further information regarding the details contained in this data sheet may be obtained Consort Architectural Hardware Ltd (Tel: 0121 359 8189).

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