

Certificate of Assessment

No. 985

© Copyright CSIRO 2007
Copying or alteration of this report
without written authorization from CSIRO is forbidden.

We have examined the information submitted to us and appraised the suitability of the alternative items of hardware, in terms of Australian/New Zealand Standard 1905, Part 1 - 2005 and BS 476: Part 22 - 1987, for use with specific fire-rated doorsets, on behalf of

Trafalgar Building Products Pty Limited
21-25 Mitchell Road
BROOKVALE NSW

CSIRO Manufacturing and Materials Technology's Report FSP 1271 describes a fire test conducted to evaluate the alternative items of hardware.

PRODUCT NAME
& DESCRIPTION:

MISCELLANEOUS:

ALCOM / Parasole D2000 sequence selector having a stainless steel body and arm fitted with a polyurethane roller. The arm of the sequence selector measured 280-mm in length fitted to a 90-mm body.

CONCLUSION:

The fitting of the alternative items of hardware, to the previously tested doorsets as reported in Sponsored Investigation FSV 0609 and in conjunction with Letter-Of-Assessment FCO-1965, is permissible within the terms of clause 4.1 of Australian Standard 1905, Part 1-2005 and BS 476: Part 22 - 1987. The doorsets listed in the table below would qualify for the fire-resistance level shown, if fitted with the alternative items of hardware.

ITEM OF HARDWARE	DOORSET REPORT	FIRE RESISTANCE LEVEL (FRL) IN ACCORDANCE WITH AS 1530.4 - 2005	INTEGRITY IN ACCORDANCE WITH BS 476: PART 22 - 1987
<u>MISCELLANEOUS:</u> ALCOM / Parasole D2000 sequence selector.	FSV 0609	-/240/30	241 minutes

Testing Officer: Brett Roddy Date of Test: 13 June 2007

Issued on the 6th day of July 2007 without alterations or additions.

This Certificate will expire on 31 July 2012.

Garry E Collins
Manager, Fire Testing and Assessments



This laboratory is accredited (Accreditation No. 165, Corporate Site No.3625) by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of accreditation.



CSIRO Manufacturing & Infrastructure Technology

14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555

Certificate of Assessment

No. 981

"Copyright CSIRO 2007 ©"
Copying or alteration of this report
without written authorization from CSIRO is forbidden.

We have examined the information submitted to us and appraised the suitability of the alternative items of hardware, in terms of Australian/New Zealand Standard 1905, Part 1 - 2005 and BS 476: Part 22 - 1987, for use with specific fire-rated doorsets, on behalf of

Trafalgar Building Products Pty Limited
21-25 Mitchell Road
BROOKVALE NSW

CSIRO Manufacturing and Materials Technology's Report FSP 1271 describes a fire test conducted to evaluate the alternative items of hardware.

PRODUCT NAME
& DESCRIPTION: LOCKSET FURNITURE: ALCOM / Parasole R53 series lever handles stated to be stainless steel.

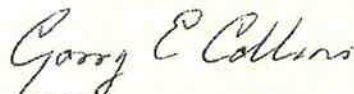
CONCLUSION: The fitting of the alternative items of hardware, to the previously tested doorsets as reported in Sponsored Investigation FSV 0609 and in conjunction with Letter-Of-Assessment FCO-1965, is permissible within the terms of clause 4.1 of Australian Standard 1905, Part 1 - 2005 and BS 476: Part 22 - 1987. The doorsets listed in the table below would qualify for the fire-resistance level shown, if fitted with the alternative items of hardware.

ITEM OF HARDWARE	DOORSET REPORT	FIRE RESISTANCE LEVEL (FRL) IN ACCORDANCE WITH AS 1530.4 - 2005	INTEGRITY IN ACCORDANCE WITH BS 476: PART 22 - 1987
<u>LOCKSET FURNITURE</u> : ALCOM / Parasole R53 series lever handles.	FSV 0609	-/240/30	241 minutes

Testing Officer: Brett Roddy Date of Test: 13 June 2007

Issued on the 6th day of July 2007 without alterations or additions.

This Certificate will expire on 31 July 2012.



Garry E Collins
Manager, Fire Testing and Assessments



This laboratory is accredited (Accreditation No. 165, Corporate Site No.3625) by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of accreditation.



CSIRO Manufacturing & Infrastructure Technology
14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555

Certificate of Assessment

No. 979

"Copyright CSIRO 2007 ©"
Copying or alteration of this report
without written authorization from CSIRO is forbidden.

We have examined the information submitted to us and appraised the suitability of the alternative items of hardware, in terms of Australian/New Zealand Standard 1905, Part 1 - 2005 and BS 476: Part 22 - 1987, for use with specific fire-rated doorsets, on behalf of

Trafalgar Building Products Pty Limited
21-25 Mitchell Road
BROOKVALE NSW

CSIRO Manufacturing and Materials Technology's Report FSP 1271 describes a fire test conducted to evaluate the alternative items of hardware.

**PRODUCT NAME
& DESCRIPTION:**

LOCKSET: ALCOM 5000 series mortise lockset, having a stainless steel latch bolt, bolt retaining plate and striking plate. The lockset was fitted to the door leaf with a 60-mm backset. The cut-out for the lockset's body measured 128-mm high x 92-mm deep x 20-mm wide.

CONCLUSION:

The fitting of the alternative items of hardware, to the previously tested doorsets as reported in Sponsored Investigation FSV 0609 and in conjunction with Letter-Of-Assessment FCO-1965, is permissible within the terms of clause 4.1 of Australian Standard 1905, Part 1 - 2005 and BS 476: Part 22 - 1987. The doorsets listed in the table below would qualify for the fire-resistance level shown, if fitted with the alternative items of hardware.

ITEM OF HARDWARE	DOORSET REPORT	FIRE RESISTANCE LEVEL (FRL) IN ACCORDANCE WITH AS 1530.4 : 2005	INTEGRITY IN ACCORDANCE WITH BS 476: PART 22 - 1987
<u>LOCKSET:</u> ALCOM 5000 series mortise lockset.	FSV 0609	-/240/30	241 minutes

Testing Officer: Brett Roddy Date of Test: 13 June 2007

Issued on the 6th day of July 2007 without alterations or additions.

This Certificate will expire on 31 July 2012.

Garry E Collins
Manager, Fire Testing and Assessments



This laboratory is accredited (Accreditation No. 165, Corporate Site No.3625) by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of accreditation.



CSIRO Manufacturing & Infrastructure Technology
14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555

Certificate of Assessment

No. 984

"Copyright CSIRO 2007 ©"
Copying or alteration of this report
without written authorization from CSIRO is forbidden.

We have examined the information submitted to us and appraised the suitability of the alternative items of hardware, in terms of Australian/New Zealand Standard 1905, Part 1 - 2005 and BS 476: Part 22 - 1987, for use with specific fire-rated doorsets, on behalf of

Trafalgar Building Products Pty Limited
21-25 Mitchell Road
BROOKVALE NSW

CSIRO Manufacturing and Materials Technology's Report FSP 1271 describes a fire test conducted to evaluate the alternative items of hardware.

PRODUCT NAME
& DESCRIPTION: MISCELLANEOUS:

ALCOM / Parasole PH320SSS stainless steel pull handle with stainless steel mounting plate measuring 300-mm high x 65-mm wide.

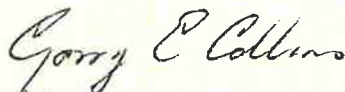
CONCLUSION: The fitting of the alternative items of hardware, to the previously tested doorsets as reported in Sponsored Investigation FSV 0609 and in conjunction with Letter-Of-Assessment FCO-1965, is permissible within the terms of clause 4.1 of Australian Standard 1905, Part 1 - 2005 and BS 476: Part 22 - 1987. The doorsets listed in the table below would qualify for the fire-resistance level shown, if fitted with the alternative items of hardware.

ITEM OF HARDWARE	DOORSET REPORT	FIRE RESISTANCE LEVEL (FRL) IN ACCORDANCE WITH AS 1530.4 - 2005	INTEGRITY IN ACCORDANCE WITH BS 476: PART 22 - 1987
<u>MISCELLANEOUS:</u> ALCOM / Parasole PH320SSS stainless steel pull handle.	FSV 0609	-/240/30,	241 minutes

Testing Officer: Brett Roddy Date of Test: 13 June 2007

Issued on the 6th day of July 2007 without alterations or additions.

This Certificate will expire on 31 July 2012.



Garry E Collins
Manager, Fire Testing and Assessments



This laboratory is accredited (Accreditation No. 165, Corporate Site No.3625) by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of accreditation.



CSIRO Manufacturing & Infrastructure Technology
14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555

Certificate of Assessment

No. 983

"Copyright CSIRO 2007 ©"
Copying or alteration of this report
without written authorization from CSIRO is forbidden.

We have examined the information submitted to us and appraised the suitability of the alternative items of hardware, in terms of Australian/New Zealand Standard 1905, Part 1 - 2005 and BS 476: Part 22 - 1987, for use with specific fire-rated doorsets, on behalf of

Trafalgar Building Products Pty Limited
21-25 Mitchell Road
BROOKVALE NSW

CSIRO Manufacturing and Materials Technology's Report FSP 1271 describes a fire test conducted to evaluate the alternative items of hardware.

PRODUCT NAME
& DESCRIPTION:

MISCELLANEOUS:

ALCOM / Parasole PA300 Electric Strike recessed into the lock stile of the door frame. The body of the strike and the striker were made from stainless steel and measured 125-mm long x 43-mm wide x 35-mm deep.

CONCLUSION:

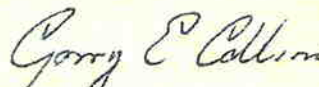
The fitting of the alternative items of hardware, to the previously tested doorsets as reported in Sponsored Investigation FSV 0609 and in conjunction with Letter-Of-Assessment FCO-1965, is permissible within the terms of clause 4.1 of Australian Standard 1905, Part 1 - 2005 and BS 476: Part 22 - 1987. The doorsets listed in the table below would qualify for the fire-resistance level shown, if fitted with the alternative items of hardware.

ITEM OF HARDWARE	DOORSET REPORT	FIRE RESISTANCE LEVEL (FRL) IN ACCORDANCE WITH AS 1530.4 - 2005	INTEGRITY IN ACCORDANCE WITH BS 476: PART 22 - 1987
<u>MISCELLANEOUS:</u> ALCOM / Parasole PA300 Electric Strike.	FSV 0609	-/240/30	241 minutes

Testing Officer: Brett Roddy Date of Test: 13 June 2007

Issued on the 6th day of July 2007 without alterations or additions.

This Certificate will expire on 31 July 2012.


Garry E Collins
Manager, Fire Testing and Assessments



This laboratory is accredited (Accreditation No. 165, Corporate Site No.3625) by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of accreditation.



CSIRO Manufacturing & Infrastructure Technology

14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555

Certificate of Assessment

No. 982

"Copyright CSIRO 2007 ©"
Copying or alteration of this report
without written authorization from CSIRO is forbidden.

We have examined the information submitted to us and appraised the suitability of the alternative items of hardware, in terms of Australian/New Zealand Standard 1905, Part 1 - 2005 and BS 476: Part 22 - 1987, for use with specific fire-rated doorsets, on behalf of

Trafalgar Building Products Pty Limited
21-25 Mitchell Road
BROOKVALE NSW

CSIRO Manufacturing and Materials Technology's Report FSP 1271 describes a fire test conducted to evaluate the alternative items of hardware.

**PRODUCT NAME
& DESCRIPTION:**

DOOR CLOSER: ALCOM / Parasole DC 1500 series surface mounted hydraulic door closer mounted on the unexposed face of the door leaf. The body of the door closer was stated to be made from aluminium and the door closer's arm was made from steel. A metal sliding cover plate was fitted to the front of the closer. The stated mass of the closer was 2.1 kg, and the stated distance to its centre of gravity was 23-mm.

CONCLUSION:


The fitting of the alternative items of hardware, to the previously tested doorsets as reported in Sponsored Investigation FSV 0609 and in conjunction with Letter-Of-Assessment FCO-1965, is permissible within the terms of clause 4.1 of Australian Standard 1905, Part 1 - 2005 and BS 476: Part 22 - 1987. The doorsets listed in the table below would qualify for the fire-resistance level shown, if fitted with the alternative items of hardware.

ITEM OF HARDWARE	DOORSET REPORT	FIRE RESISTANCE LEVEL (FRL) IN ACCORDANCE WITH AS 1530.4 - 2005	INTEGRITY IN ACCORDANCE WITH BS 476: PART 22 - 1987
DOOR CLOSER: ALCOM / Parasole DC 1500 series surface mounted hydraulic door closer.	FSV 0609	-/240/30	241 minutes

Testing Officer: Brett Roddy Date of Test: 13 June 2007

Issued on the 6th day of July 2007 without alterations or additions.

This Certificate will expire on 31 July 2012.


Garry E Collins
Manager, Fire Testing and Assessments



This laboratory is accredited (Accreditation No. 165, Corporate Site No.3625) by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of accreditation.



CSIRO Manufacturing & Infrastructure Technology
14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555