



Postal Address:
 PO Box 4282
 Dandenong South, Victoria 3164
 Australia

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EWFA Test Report No. EWFA 2634600b.2 Page 1 of 3

Test Sponsors	Issue Date
NOVA Hardware Pty Ltd P.O. Box 322 Hallam, VIC 3803 and Pyropanel Technologies PTY LTD, Industrial Park 122-124 Beresford Road, Lilydale VIC 3140	31/10/11
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	14/10/16

The Fire Resistance Performance of Pyropanel Doorset with nominated variation

Variations Considered in this Report

Fitting a Novas 6100 mortice lock with 60mm backset and fitted with a Lorient protection jacket in lieu of the lockset tested in the reference test.

Referenced Test Reports

Test Report	Doorset Description	Test Standard
FR 3663	Single Leaf Pyropanel Pandor Doorset nominally 38mm thick	AS 1530.4-1997
FR 2482	Pyropanel Pandor Doorset nominally 48mm thick	AS 1530.4-1997

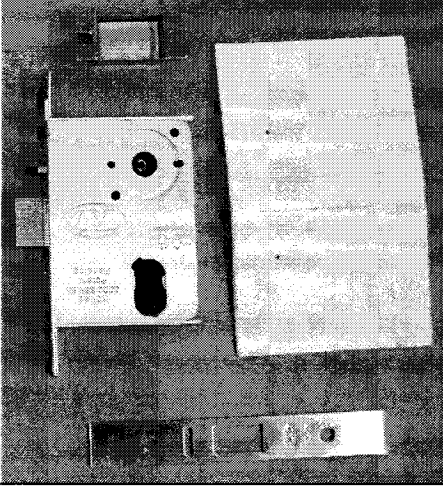

Additional Supporting Data

Test Reference	Doorset Description	Test Duration	Test Standard
EWFA 2634600	Single Leaf Pyropanel Pandor Doorset nominally 38 mm thick	61 minutes	AS 1530.4-2005

A fire resistance test in accordance with Appendix B11 of AS 1530.4 2005 was conducted on a full scale doorset on the 10th October 2011, it included a Novas 6100 mortice lockset with a Lorient protection jacket fitted into the door leaf.

TESTING AUTHORITY	Exova Warringtonfire Aus Pty Ltd		
Address	PO Box 4282 DANDENONG SOUTH VIC 3164 Unit 2, 409-411 Hammond Road DANDENONG VIC 3175		
Phone / Fax	61 (0)3 9767 1000 / 61 (0)3 9767 1001		
ABN	81 050 241 524		
Email / Home Page	www.exova.com		
Authorisation	Prepared By: Steven Halliday	Reviewed By: Keith Nicholls	

Hardware Description

Product name(s) and manufacturer:	Model: Novas 6100 mortice lock with 60mm backset and with a Lorient protection jacket. Manufacturer details held on confidential file.	
Leaf Thickness	38 mm	
		
Components prior to installation.	As installed.	
Typical installation of a Novas 6100 mortice lock with Lorient protection jacket.		

Discussion

It is expected if the proposed hardware does not initiate failure of the full scale doorset before failure occurred on the referenced doorsets, then incorporating the proposed hardware will not be detrimental to the performance of the reference doorsets.

AS 1530.4-2005 states that sustained flaming on the surface of the unexposed face for 10 seconds or longer constitutes integrity failure. During the referenced test EWFA 2634600 the Novas 6100 mortice lock with Lorient protection jacket did not initiate failure.

Results from fire resistance test EWFA 2634600 show that a Novas 6100 mortice lock with Lorient protection jacket can be positively assessed for the test period of 60 minutes integrity.

Conclusions

On the basis of the above discussion, it is the opinion of this laboratory that the doorsets listed below would be likely to achieve the FRL listed below if they are fitted with a Novas 6100 mortice lock with Lorient protection jacket on the doorsets as described in this assessment report.

This assessment has been prepared in accordance with Section 4.2 of AS 1905.1:2005 and is conditional upon the operational characteristics and materials of the doorset complying with Section 2 of AS 1905.1:2005. The field of application of the assessed hardware is defined by the field of application of the doorset the hardware is installed upon.

Test Ref	Description	FRL
FR 3663	Pyropanel Pandor Doorset nominally 38mm thick	-/60/30
FR 2482	Pyropanel Pandor Doorset nominally 48mm thick	-/60/30

Conditions/Validity

The conclusions of this assessment may be used to directly assess the fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all conditions.

Because of the nature of fire resistance testing, and the consequent difficulty in quantifying the uncertainty of measurement, it is not possible to provide a stated degree of accuracy. The inherent variability in test procedures, materials and methods of construction, and installation may lead to variations in performance between elements of similar construction.

The assessment can therefore only relate only to the actual prototype test specimens, testing conditions, and methodology described in the supporting data, and does not imply any performance abilities of constructions of subsequent manufacture.

This assessment is based on information and experience available at the time of preparation. The published procedures for the conduct of tests and the assessment of test results are the subject of constant review and improvement and it is recommended that this report be reviewed by the validity date by Exova Warringtonfire Aus Pty. Ltd.

The information contained in this report shall not be used for the assessment of variations other than those stated in the conclusions above. The assessment is valid provided no modifications are made to the systems detailed in this report. All details of construction should be consistent with the requirements stated in the relevant test reports and all referenced documents.