



# CERTIFICATE OF ASSESSMENT

External rendered wall system for  
bushfire BAL-29 exposure




Client: Chase Building Supplies Pty Ltd

Product: Rendered Chase M-grade EPS external panel cladding

Report number: FAS190156 Revision: SFC1.1

Issue date: 18 May 2020 Expiry date: 31 October 2024

## Amendment schedule

Version	Date	Information relating to report			
SFC1.0	Issue: 21/10/2019	Reason for issue	Certificate issued to Chase Building Supplies Pty Ltd.		
			Prepared by	Reviewed by	Approved by
	Expiry: 31/10/2024	Name	Hon Wong	Mahmoud Akl	Omar Saad
SFC1.1	Issue: 18/05/2020	Reason for issue	Revision with optional batten fix of EPS panels.		
			Prepared by	Reviewed by	Approved by
	Expiry: 31/10/2024	Name	Hon Wong	Omar Saad	Omar Saad
		Signature			
	Issue:	Reason for issue			
			Prepared by	Reviewed by	Approved by
	Expiry:	Name			
		Signature			

## Contact Information

Warringtonfire Aus Pty Ltd - ABN 81 050 241 524

### NATA Registered Laboratory

Unit 2, 409-411 Hammond Road

Dandenong Victoria 3175

Australia

T: +61 (0)3 9767 1000

info.fire.melbourne@warringtonfire.com.au

Report sponsor	Certificate issue date	Product/system
Chase Building Supplies Pty Ltd	18 May 2020	External rendered wall system for bushfire BAL-29 exposure

Introduction
The element of construction described below was assessed by this laboratory on behalf of the test sponsor in accordance with the stated test standard and achieved the results stated below. Refer to the referenced Assessment Report or Regulatory Information Report for the complete description of the assessment construction.

Referenced assessment report	Test methods	Report issue date	Report validity date
FAS190156 R1.1	AS 1530.8.1:2018	18 May 2020	31 October 2024

Description of assessment product and performance
<p>The scope of the assessment includes the fire resistance performance of the Chase external rendered EPS clad framed wall system when tested in accordance with AS 1530.8.1:2018.</p> <p>The assessed wall system shall be as tested in FRT190255.1 consisting of 90mm deep timber stud frames. The unexposed side shall be lined with 10 mm Gyprock plasterboard while the exposed side shall have a minimum 5.5 mm thick Chase Render applied over 75 mm Chase Polystyrene M-Grade foam. The various options in varying the system as tested are provided in Section 5 of the referenced report FAS190156 R1.1 and as outlined in the formal assessment summary.</p> <p>Refer to the referenced report FAS190156 R1.1 for a complete description of the assessed construction.</p>

Formal assessment summary				
System	Reference test	Tested component	Variation	Assessed system in accordance with AS 1530.8.1:2018
Chase rendered EPS external framed wall system	FRT190255	75 mm thick Chase M-grade EPS panels	50mm and 100 mm thick EPS panels	BAL - 29
		Direct fix of EPS panels onto the stud frames	Optional installation of EPS panels via: <ul style="list-style-type: none"> <li>• 35 mm or wider and from 15 mm up to 50 mm deep EPS battens,</li> <li>• 35 mm or wider and from 15 mm up to 50 mm deep timber battens, or</li> <li>• 24 mm or wider and from 15 mm up to 35 mm deep 0.55 BMT steel Top Hats.</li> </ul>	

Formal assessment summary			
		No insulation batts in stud cavities	Optional installation of mineral or glass wool insulation batts in stud cavities
		90mm x 45mm timber studs	70 mm x 35 mm or 70 mm x 45 mm timber studs
			0.55 mm BMT steel studs of either 76 mm or 92 mm depths
Conditions/ Validity			
<ul style="list-style-type: none"> <li>• This certificate is provided for general information only and does not comply with the regulatory requirements for evidence of compliance.</li> <li>• Reference should be made to the relevant test report or regulatory information report to determine the applicability of the test result to a proposed installation. Full details of the constructions and justification for the conclusions given, along with the validity statements, are given in the assessment reports.</li> <li>• The results of these fire tests may be used to assess fire hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all conditions.</li> <li>• All work and services carried out by Warringtonfire Australia Pty Ltd ACN 050 241 524 are subject to, and conducted in accordance with, the standard terms and conditions of Warringtonfire Australia Pty Ltd, which are available at <a href="https://www.element.com/terms/terms-and-conditions">https://www.element.com/terms/terms-and-conditions</a> or upon request.</li> <li>• Exova Warringtonfire rebranded to Warringtonfire on 1 December 2018. Apart from the change to our brand name, no other changes have occurred. The introduction of our new brand name does not affect the validity of existing documents previously issued by us.</li> </ul>			