

Sponsor name	Dulux Acratex	Document no	27615-A SOA 2.1
Sponsor address	1956 Dandenong Road, Clayton, VIC - 3168		
Issue date	1 August 2022	Expiry date	31 December 2024

Description of assessed system

The assessment report referenced in Table 1 was written to determine the likely bushfire performance of Exsulite cavity wall system when tested in accordance with AS 1530.8.1:2007, as appropriate for external walls.

Assessed system performance

The element of construction described above was assessed by this laboratory on behalf of the report sponsor in accordance with the stated assessment standard in Table 1 and achieved the results outlined in Table 2. A complete description of the assessed construction can be found within the referenced assessment report or regulatory information report.

Table 1 Test standard and assessment report details

Referenced report	Test standard	Referenced report issue date	Referenced report expiry date
27615 R8.4	AS 1530.8.1:2007	22 June 2022	31 December 2024

Table 2 Formal assessment summary

System	Performance
<p>The assessed construction shall be as tested in EWFA 2694200.4 and subject to the following variations:</p> <ul style="list-style-type: none"> The framing shall optionally be varied to include timber framing at least 70 mm deep (This includes all sizes between 70 mm and 90 mm deep or above). The framing shall optionally be varied to include steel framings at least 70mm deep (this includes all sizes between 70 mm and 90 mm deep or above). Inclusion of an R 2.0 insulation batt (e.g. Glasswool, Rockwool) within the wall cavity. Optional base coats, texture coats and topcoats as summarized below: <ul style="list-style-type: none"> Dulux® AcraTex® RenderWall® Acrapro P400 Winter Grade Dulux® AcraTex® RenderWall® Acrapro P400 Dulux® AcraTex® RenderWall® P400 Dulux® AcraTex® Acrapro P200 Dulux® AcraTex® Coventry® Fine Dulux® AcraTex® Coventry® Coarse Dulux® AcraTex® Coventry™ Medium Dulux® AcraTex® Tuscany™ Fine Dulux® AcraTex® Tuscany™ Coarse Dulux® AcraTex® Sienna Coarse Dulux® AcraTex® PowerFinish® Dulux® AcraTex® SpongeFine™ SpongeFine Render Dulux® AcraTex® SpongeFine™ Acrylic SpongeFine Dulux® AcraTex® Synatex® Fine Dulux® AcraTex® Synatex® Medium Dulux® AcraTex® Synatex® Coarse Dulux® AcraTex® Mineral Float Finish™ Fine Dulux® AcraTex® Mineral Float Finish™ Medium Dulux® AcraTex® Mineral Float Finish™ Coarse Dulux® Acratex® Acrashield® Dulux® Exsulite® Acrylic Texture Fine 	BAL – A29

<ul style="list-style-type: none"> – Dulux® Exsulite® Acrylic Texture Sponge Finish – Dulux® Exsulite® Acrylic Texture Coarse • Optional application of any of the following topcoats where specified: <ul style="list-style-type: none"> – Dulux® Exsulite Membrane Topcoat – Dulux® Acra Tex Acra shield 955 • Applied over the following Dulux Exsulite Substrate Systems directly fixed to framing: <ul style="list-style-type: none"> – 50 mm Dulux Exsulite panel over 25 mm EPS spacer, – 60 mm Dulux Exsulite panel over 15 mm EPS spacer, – 75 mm Dulux Exsulite panel over 25 mm EPS spacer – 100 mm Dulux Exsulite panel over 25 mm EPS spacer • Render thickness (Basecoat + Texture Coat) shall be minimum 4.8 mm thick • Include Bossman Expanding Glue Foam in lieu of Fischer Gun foam PUP 750 • Include optional use of Exsulite Breathable Wall Wrap in lieu of Watergate Plus and/ or any breathable wall wrap in accordance with AS/NZ 4200.1.2017. • Include optional use of Aluminium channel with weep holes and Aluminium corner angles in lieu of PVC starter channel/corner angles used in testing. • Include optional batten fix EPS panels with battens of: <ul style="list-style-type: none"> – H Grade EPS battens of 40 mm x 15 mm, 40 mm x 25 mm or 40 mm x 35 mm. – Timber battens of H3 kiln dried treated pine timber of 40 mm x 15 mm, 40 mm x 25 mm or 40 mm x 35 mm. – Steel top hats with heights of 25 mm or 35 mm and of 0.42 BMT or 0.55 BMT if perforated and of 0.75 BMT if non-perforated. 	
--	--

Conditions / validity

- This document is provided for general information only and does not comply with the regulatory requirements for evidence of compliance.
- The RIR (regulatory information report) or the main assessment report must be provided for regulatory requirements and evidence of compliance.
- Reference should be made to the relevant assessment 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.
- The results of the assessment report may be used to assess bushfire performance, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all conditions.
- All work and services carried out by Warringtonfire Australia are subject to and conducted in accordance with our standard terms and conditions. These are available on request or at <https://www.element.com/terms/terms-and-conditions>.

Testing authority	Warringtonfire Australia Pty Ltd	
Address	409-411 Hammond Road, Dandenong South, VIC 3175	
Phone	T: +61 (0)3 9767 1000	
ABN	81 050 241 524	
Email	info.fire.melbourne@warringtonfire.com	
Authorisation	Prepared by:	Reviewed by:
		
	Tanmay Bhat	Alim Rasel