Project Remediate

Industry briefing for bonded laminated material suppliers

17 November 2021



Agenda

- 1 Introduction
- 2 Briefing objective
- Tests to be conducted
- 4 Testing specifications
- 5 Next steps
- 6 Question session



Introduction



Apr. 2021

First endorsed materials announced Report noted further consideration bonded laminated materials (BLM)



Nov. 2021

Project Remediate to commission additional testing for BLM

Online submissions sought further information from suppliers

This included standardised information on product testing and performance



Aug. 2021



Briefing objective

- 1. Update on assessment of materials
- 2. Provide an overview of the proposed material testing
- 3. Feedback and discussion on proposed testing



Tests to be conducted

- Tests to be conducted on two representative types of BLM:
 - Aluminium skin mineral core
 - Aluminium skin aluminium core
- Testing will include joints and penetrations
- BLM (as a whole assembly) will be tested to determine spread-of-flame and smoke development as per AS/NZS 1530.3



Testing specification

Tests for spread-of-flame and smoke-developed indices will be conducted on each of the two representative materials:

- 1. BLM with no perforations and no joints
- 2. BLM with electrical cable-sized perforation (20 mm x 20 mm)
- 3. BLM with bathroom exhaust-sized perforation (200 mm x 200 mm)
- 4. BLM prepared with intersecting horizontal and vertical joints



Perforation specification

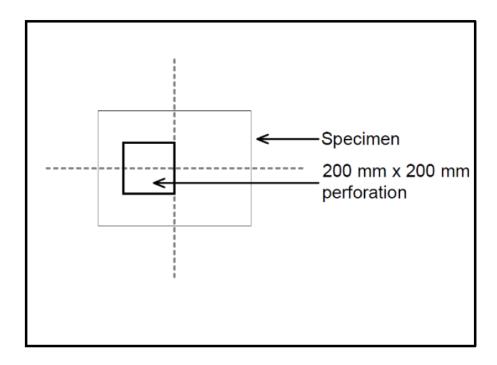


Illustration of 200 x 200 mm perforation. The intersection of the dashed line indicates the position of the pilot flame.



Joint specification

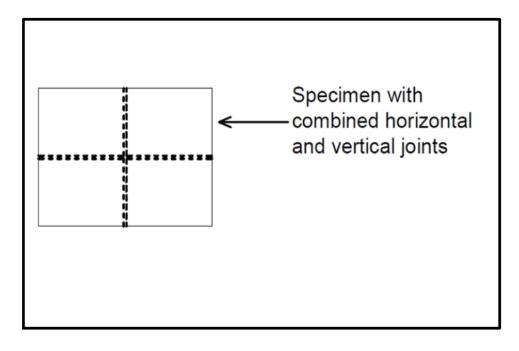
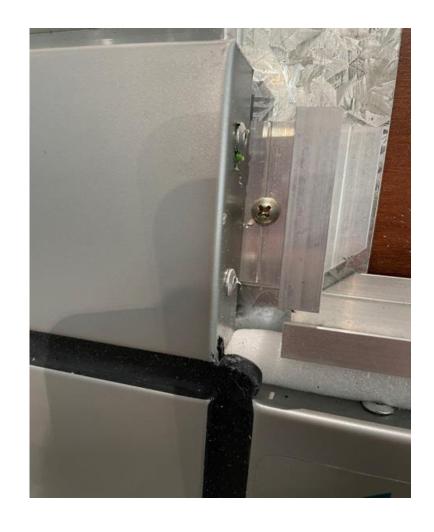
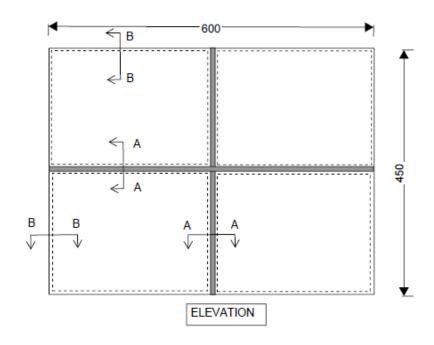


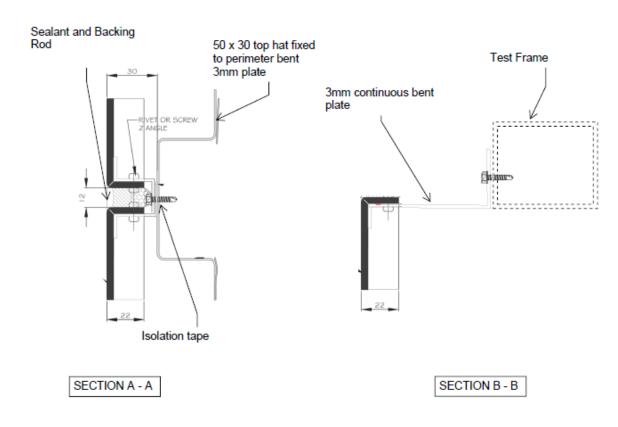
Illustration of joint to be tested





Joint details







The sum of the parts - authenticated façade systems

- CPSP Report 1 released 19 April
 Equit product extension and executions.
- Four product categories endorsed for Project Remediate with system design requirements
- Local Government representation on the Panel
- Further products to be considered through a product submission process for suppliers

Cement

render

Fibre

cement

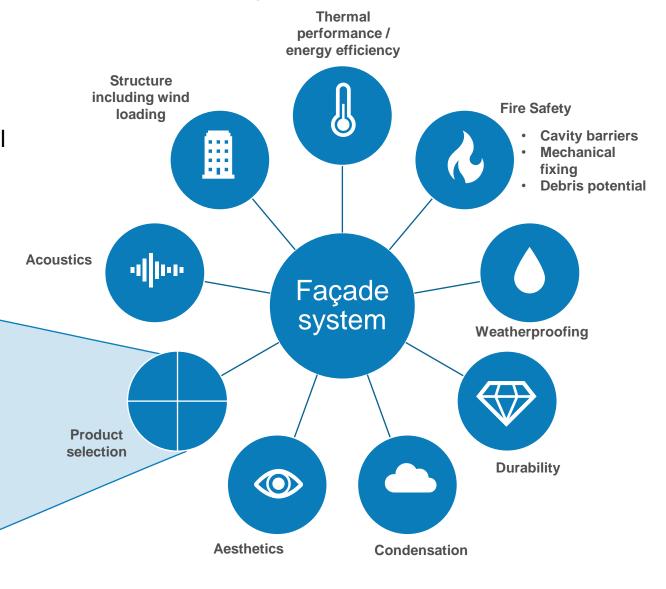
Solid

aluminium

Solid

metal

sheets





Next steps

- We will review and consider feedback on the proposed testing
- HY will obtain and prepare all necessary samples
- Testing to be conducted
- Results to be considered
- CPSP provides advice

