

# Fire Test Certificate

This is to certify that the specimen described below has been examined by BRANZ Ltd on behalf of

EPS Panel Division, PACIA  
and  
CSIRO Manufacturing and Infrastructure Technology

*Test standard:* AS ISO 9705

*Specimen name:* Sandwich Panel with an Expanded Polystyrene (EPS) core

*Specimen description:*

Insulating sandwich panel, nominal thickness 250 mm or less.

Panel core of Class SL (to AS 1366.3) expanded EPS.

Clad both sides with "Colorbond" steel, thickness 0.4 mm or greater.

Panel to panel junctions require steel angles fixed to the steel skins at not more than 300mm centres, with steel rivets. Ceiling panel to panels joins require a steel (stitch) rivet connecting the metal skins at not more than 1200 mm centres.

*Orientation:* N/A

*Full descriptions of the test specimen and the complete results of the examination are given in the following Test Reports and Assessments:*

CMIT-(c)-2003-201    CMIT-(c)-2004-089    CMIT-(c)-2004-368    CMIT-(c)-2004-469  
BRANZ FAR 2489

*Conditions of laboratory registration by IANZ do not allow assessments expressed by the Registered Laboratory to be covered by IANZ.*

*Regulatory authorities are advised to examine test reports and assessments before approving any product.*

**The assessed results were as follows:**

Group Number 1 in accordance with BCA2005 specification Cl.10a

Smoke Growth Rate Index (SMOGR<sub>RC</sub>) < 100.

*Test Dates:* 15/9/03, 23/1/04, 6/2/04, 6/9/04  
22/9/04, 24/11/04, 6/12/04

*Test Supervisor(s):* N/A

*This Certificate issued:*

*Certificate Number:* 374

29 April 2005



**Colleen Wade, Principal Scientist**

*Fire Testing Supervisor  
For BRANZ Limited*