

# BRANZ Type Test Summary

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

USG Boral Building Products NZ  
PO Box 11155  
Ellerslie  
Auckland 1542  
New Zealand

**Test standard:** AS 1530.4:2014 Part 4: Fire resistance tests for elements of construction.

**Specimen name:** USG BORAL WALL SYSTEM TB45.1A

**Specimen description:** The wall was nominally 3,000 mm high x 3,000 mm wide. The wall frame was constructed from LaserFrame® SG8 Pinus Radiata timber studs and nogs and each face was lined with a 10 mm thick layer of USG Boral Multistop™ 4 plasterboard. The internal cavity of a 1,200 mm wide x 3,000 mm high section of the wall was insulated with Knauf Earthwool® Glasswool R2.2. The wall was loaded with 4.5 kN per loadbearing stud.

**A full description of the test specimen and the test results are given in BRANZ Test Report:**

Fire Test FR6123-TT[2017] – Test date 23 March 2017

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

## **The test results were as follows:**

Structural Adequacy	55 minutes	No failure
Integrity	55 minutes	
Insulation	50 minutes	

**Issue Date:**  
15 May 2017

**Expiry Date:**  
15 May 2022



This Laboratory is accredited by International Accreditation New Zealand (IANZ). The tests reported herein have been performed in accordance with the laboratory's scope of accreditation.