

FC13639-001-C1 Issue 1

Technical Opinion Summary



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

Sponsor

CSR Building Products (NZ) Ltd
PO Box 17220
Greenlane
Auckland 1546
New Zealand

Reference BRANZ Reports: FC13639-001 Issue 1

Referenced Standard: AS1530.4-2005/2014

Specimen Name: CSR Hebel fire rated external wall systems with 75 mm and 50 mm Powerpanel.

Specimen Description: Load bearing timber framed wall lined with 75 mm or 50 mm thick Powerpanel to one side with GIB® fire rated plasterboard to the other.

Orientation: Exposure from either side


The assessed results were as follows:

External Lining	Internal Lining (GIB® system ref*)	FRR
75 mm Powerpanel	10 mm GIB Fyrelite® (GBTL 30)	30/30/30
	13 mm GIB® Standard (GBTL 30b)	
	10 mm GIB® Standard (GBTL 30c)	
	13 mm GIB Fyrelite® (GBTL 60)	60/60/60
	2 x 10 mm GIB Fyrelite® (GBTL 60b)	
	16 mm GIB Fyrelite® (GBTL 90)	90/90/90
	2 x 16 mm GIB Fyrelite® (GBTL 120)	120/120/120

50 mm Powerpanel with any of the above plasterboard lining configurations would achieve an FRR of at least 30/30/30 from either face.

* Refer to the Winstone Wallboards Ltd GIB® Fire Rated Systems Specification and installation manual (October 2018) for the plasterboard installation details.

Issued by


P. Chapman
Senior Fire Testing Engineer
BRANZ

Reviewed by


E. Soja
Senior Fire Safety Engineer
BRANZ

Regulatory authorities are advised to examine the Technical Opinion report FC13639-001 before approving any product.

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