

FAR 3668 C1 Issue 3

Technical Opinion Summary



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

Sponsor

Smooth-Air Products Limited
264 Annex Road
Riccarton
Christchurch, 8024
New Zealand

Reference BRANZ Reports FAR 3668 Issue 3

Referenced Standard AS1530.4:2014

Specimen Name: Halton FDV exhaust valve and fire damper

Specimen Description: Halton FDV exhaust valve and fire damper assembly installed in timber or steel stud plasterboard walls or concrete floors.

Orientation: Exposure from either side

The assessed results were as follows:

Separating Element Construction	AS 1530.4:2014
Plasterboard cavity wall with 90 mm x 45 mm timber stud and single layer of 19 mm Gib Fyrelite® at each face.	Integrity 120 minutes Insulation Zero Smoke leakage 120 minutes
Plasterboard cavity wall 92 mm thick with a steel stud and double layer of 12.5 mm thick F-type plasterboard on each face and 40 mm thick x 40 kg/m ³ mineral wool insulation in the cavity	Integrity 120 minutes Insulation Zero Smoke leakage 120 minutes
Concrete floor 110 mm thick	Integrity 180 minutes Insulation 30 minutes Smoke leakage 120 minutes
Fire rated ceiling system – subject to the conditions stated in the assessment report.	Will not adversely affect the fire rating of the ceiling for at least 120 minutes.

Issued by

P. Chapman
Senior Fire Testing Engineer
BRANZ

Issue Date
15 July 2022

Reviewed by

E. Soja
Senior Fire Safety Engineer
BRANZ

Expiry Date
15 July 2027

Regulatory authorities are advised to examine technical opinion report FAR 3668 Issue 3 before approving any product.