

FC14196-01-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

Metecno Pty Limited
121 Ingram Road
Acacia Ridge,
QLD 4110
Australia

Reference BRANZ Report FC14196-01 Issue 3

Referenced Standard AS ISO 9705 – 2003 (Rev 2016), ISO 9705:1993, AS 5637.1:2015

Specimen Name: MetecnoPanel, MetecnoInspire, MetecnoSpan

Specimen Description: MetecnoPanel, MetecnoInspire, MetecnoSpan insulated sandwich panels with thicknesses in a range of 40mm to 100mm inclusive, comprising 37 kg/m³ PIR core with 0.6/0.6 mm steel skins and interlocking slip joint edge. The panels vary in their exterior profile and slip joint. Variations to the bottom detail and panel joints are described in FC14196-01 Issue 3. Sealants may be Gorilla Firecryl acrylic fire sealant, Gorilla fire-rated expanding foam, Soudal Soudaseal FR sealant and Soudal Soudafoam FR.

Orientation: Exposure on the interior surface

The assessed results were as follows:

Building Code Document	Group Number Classification
NCC Volume One Specification C1.10 Clause 4 determined in accordance with AS 5637.1:2015	1 The SMOGRA was 3.7 m ² /s ² x 1000 and therefore within the 100 m ² /s ² x 1000 limit
NZBC Verification Method C/VM2 Appendix A	1-S Average smoke production rate was 1.2 m ² /s and therefore within the 5 m ² /s limit

Issued by

E. Soja
Senior Fire Safety Engineer
BRANZ

Reviewed by

L. F. Hersche
Fire Testing Engineer
BRANZ

Regulatory authorities are advised to examine FC14196-01 Issue 3 before approving any product.

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Expiry Date

20 January 2027