

FC11177-001 Issue 2

Technical Opinion Summary



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

Sponsor

Sika Services AG
Tueffenwies 16
8048 Zurich
Switzerland

Reference BRANZ Reports FC11177-001 Issue 2

Referenced Standard AS1530.4:2014

Specimen Name: Sikacryl®-621 Fire, SikaSeal®-626 Fire Board and Sikacryl®-625 Fire

Specimen Description: Sika Sikacryl®-621 Fire sealant, SikaSeal®-626 Fire Board and Sikacryl®-625 Fire ablative coating used for fire rated linear joint seals, pipe and cable penetrations

Orientation: Exposure from either side

The assessed results were as follows

Refer to Tables 15 to Table 17 of FC11177-001 TO for a summary of the fire resistance ratings of SikaSeal®-626 Fire Board, Sikacryl®-621 Fire sealant and Sikacryl®-625 Fire ablative coating when used as linear joint seals, copper and steel pipe penetrations, power and communication cable penetrations in fire rated walls and floors. It is considered the linear joint seals and pipe/cable penetrations would achieve the FRL given in Table 15 to Table 17 of FC11177-001 TO if tested in accordance with AS 1530.4:2014 and AS 4072.1-2005.

The walls may be either masonry walls at least 100 mm thick or plasterboard lined walls with at least two layers of 12.5 mm thick fire rated plasterboard and at least 70 mm deep steel studs with the apertures in the walls also lined with the same two layers of plasterboard with 50 mm thick, mineral fibre 100 kg/m³, fitted in the wall cavities. The concrete floors are at least 150 mm thick.

* Refer to the James Hardie Fire and Acoustic Design Manual (August 2017) for specific construction details.

Issued by

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

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Expiry Date

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