

FC12674-001-TO

Technical Opinion Summary



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

Sponsor

3M Australia Pty Ltd
Building A, 1 Rivett Road
North Ryde
NSW 2113
Australia

Reference BRANZ Reports FC12674-001-TO
Referenced Standard AS1530.4:2014, AS 4072.1-2005

Specimen Name: 3M™ Fire and Water Barrier Tape

Specimen Description:

3M™ Fire and Water Barrier Tape used as follows without being detrimental to the FRL/FRR of the systems as follows:

Linear Gap Seal in concrete slab and concrete slab perimeter barrier system against concrete/masonry wall:

1. Standard: AS 1530.4:2014, AS 4072.1-2005
2. Minimum of 120 mm thick concrete floor slabs for an FRL/FRR = -/120/120
3. Minimum of 150 mm thick concrete floor slabs for an FRL/FRR = -/180/180
4. Maximum joint width of 100 mm
5. Mineral wool fill depth minimum 100 mm
6. Minimum mineral wool density 96 kg/m³ (when compressed within joint – for example 150 mm thick 64 kg/m³ compressed to 100 mm within joint.)
7. Overlap of 3M FWBT minimum 25 mm beyond the joint edges

Orientation: Exposure from the underside of a concrete slab

The assessed results were as follows:

1. **Minimum of 120 mm thick concrete floor slabs for an FRL/FRR = -/120/120**
2. **Minimum of 150 mm thick concrete floor slabs for an FRL/FRR = -/180/180**

Issued by

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Senior Fire Safety Engineer

Reviewed by

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

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Expiry Date

3/06/2025