



Certificate of Test

No. 2969

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This is to certify that the element of construction described below was tested by CSIRO Infrastructure Technologies in accordance with Australian Standard 1530, Methods for fire tests on building materials, components and structures, Part 4 Fire-resistance tests of elements of construction, 2014 on behalf of:

Boss Products (Australia) Pty Ltd
 Unit 8, 15-23 Kumulla Rd
 Caringbah NSW

A full description of the test specimen and the complete test results are detailed in the Division's Sponsored Investigation report numbered FSP 1833.

Product Name: Penetration 3 – FireMastic-300 sealant protecting a 13-mm diameter aperture penetrated by a single Power Cable.

Description: The Sponsor identified the specimen as a plasterboard wall system comprised of Boral Firestop 16-mm plasterboard both sides (with an established FRL of -/90/90) with FireMastic-300 sealant protecting a 13-mm diameter aperture penetrated by a single Power Cable. Cables on both the exposed and unexposed side were left untreated. The pipe was supported approximately 500-mm away from the wall on the unexposed face. The FireMastic-300 sealant, manufactured by Boss Fire & Safety Pty Ltd, is described as an intumescent Fire-Rated one part acrylic emulsion sealant. A surface seal around the pipe was created with a 50-mm fillet of FireMastic-300 sealant on the exposed and unexposed face. For a detailed description, refer to drawing titled CSIRO 0517 – 04 dated 26/05/17 by Boss Fire & Safety.

Structural Adequacy	not applicable
Integrity	no failure at 91 minutes
Insulation	no failure at 91 minutes

and therefore for the purpose of Building Regulations in Australia, achieved a fire-resistance level (FRL) of -/90/90.

The fire-resistance level of the wall system is applicable when the system is exposed to fire from either direction. The fire-resistance level (FRL) are limited to that of the separating element. This certificate is provided for general information only and does not comply with regulatory requirements for evidence of compliance.

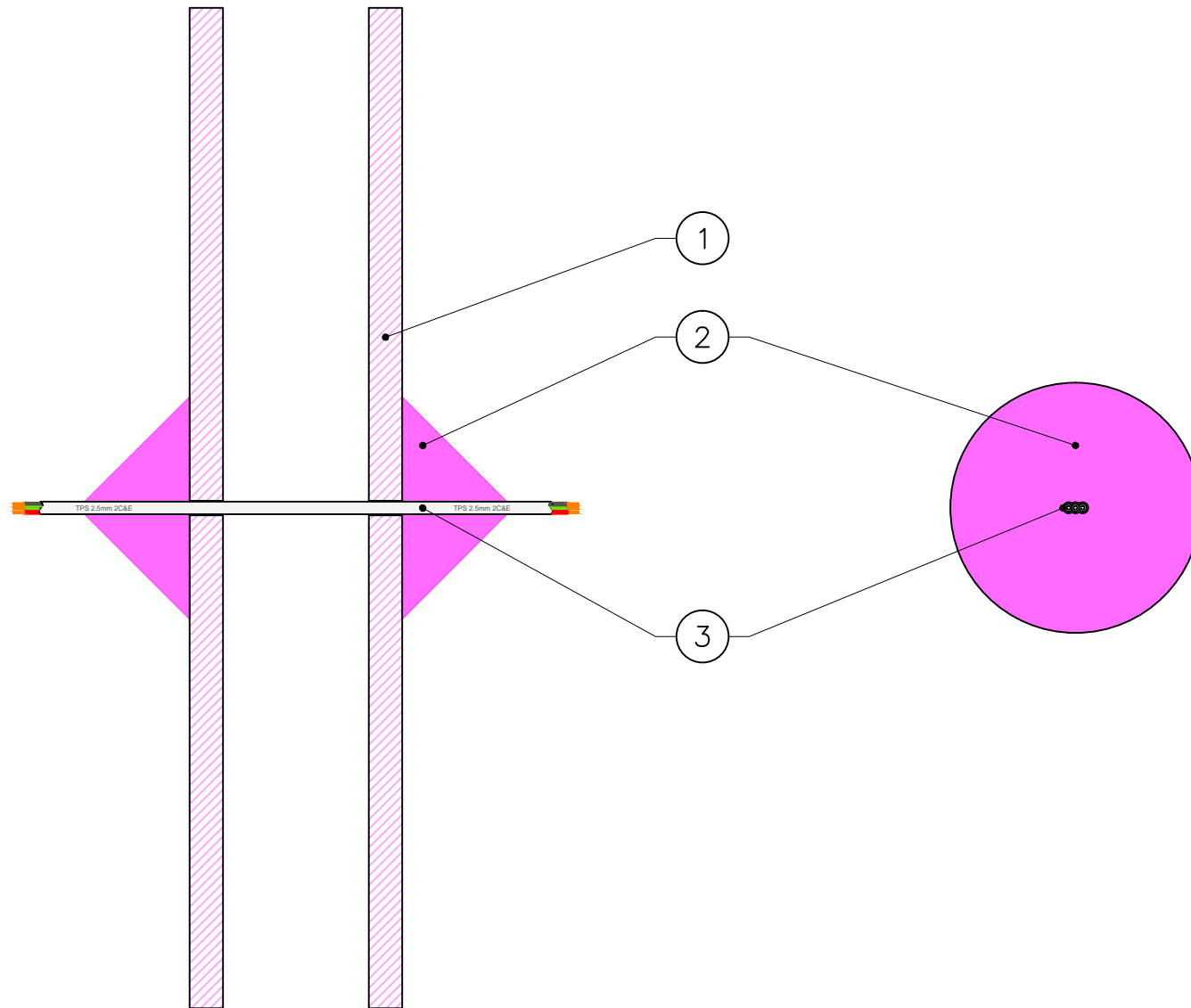
Testing Officer: Heherson Alarde

Date of Test: 9 May 2017

Issued on the 20th day of June 2017 without alterations or additions.

Brett Roddy
 Manager, Fire Testing and Assessments

	This document is issued in accordance with NATA's accreditation requirements. Accreditation No. 165 – Corporate Site No. 3625 Accredited for compliance with ISO/IEC 17025 - Testing
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Notes

Component Summary:

- (1) Plasterboard, 16mm fire-rated
- (2) BOSS FireMastic-300 seal, 50mm surface fillet
- (3) TPS cable, 2 core & earth 2.5mm²



Sales & Technical Support
 Ph: 1300 502 677
www.bossfire.com.au

Drawing Title
 TPS Cable Penetrating 90min Wall

Description
 FireMastic-300 Surface Seal

Test Ref
 CSIRO 0517

Date of Issue
 26 May 2017

Drawing Number CSIRO 0517 - 04	Drawn By SL
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