

# FC12740-001 C1 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

Winstone Wallboards Limited  
37 Felix Street  
Penrose  
Auckland, 1061  
New Zealand

**Reference BRANZ Reports** FC12740-001 Issue 2

**Referenced Standard** AS 1530.4-2005 and AS 1530.4:2014

**Specimen Name:** GIB Fire Soundseal® sprinkler pipe, cable penetrations and linear gap seals.

**Specimen Description:** Sprinkler pipe and cable penetrations as shown in Figure 1, Figure 2 and Figure 3. Linear gap seals filled with GIB Fire Soundseal®


**Orientation:** Fire Exposure from underside of floor/ceiling systems and either side of wall systems.

### The assessed results were as follows:

Sprinkler ceiling penetration shown in Figure 1 and the cables penetrations shown in Figure 2 and Figure 3, using GIB Fire Soundseal®, would not be detrimental to the fire resistance, in accordance with AS 1530.4-2005/2014, of any Winstone Wallboards fire rated wall or floor/ceiling system as appropriate to the penetration.

It is considered that linear gap seals up to a maximum of 10 mm wide, backed by framing and filled to the full depth of the lining with GIB Fire Soundseal® would maintain the Integrity and Insulation criteria in accordance with AS 1530.4-2005/2014 of the wall up to a maximum of 120 minutes.

### Issued by

  
P. Chapman  
Senior Fire Testing Engineer  
BRANZ

### Reviewed by

  
E. Soja  
Senior Fire Safety Engineer  
BRANZ

Regulatory authorities are advised to examine the Technical Opinion report FC12740-001 Issue 2 before approving any product.

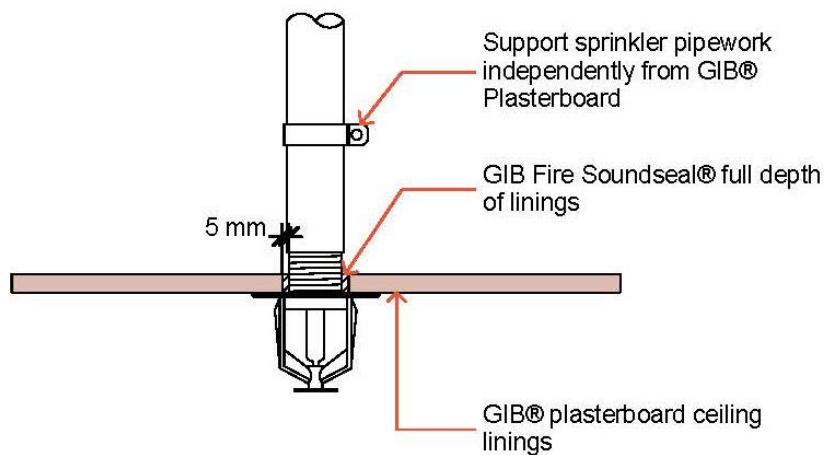
### Issue Date

17 May 2021

### Expiry Date

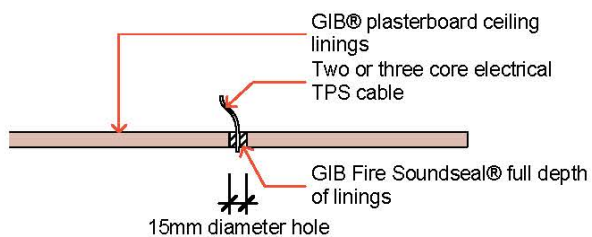
17 May 2026

**Figure 1: Sprinkler pipe penetration (ceiling)**

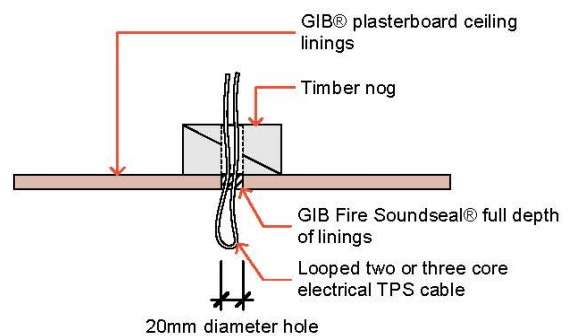


**Figure 2: Single and looped cable penetration (ceiling)**

**Figure 2a**

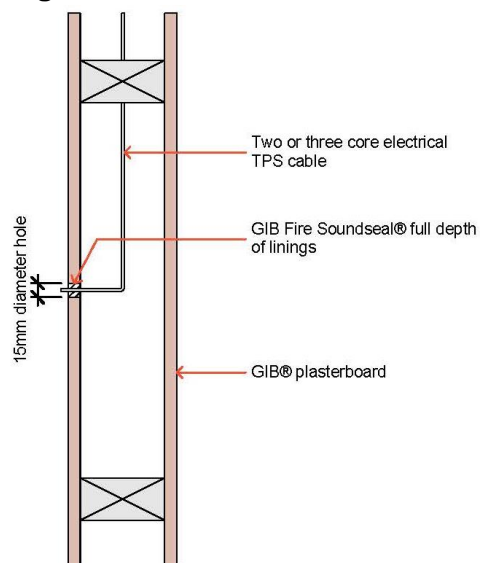


**Figure 2b**



**Figure 3: Single and looped cable penetration (wall)**

**Figure 3a**



**Figure 3b**

