



# FIRESTOP CENTRE

Authorised New Zealand Distributor  
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## FBL-100 Paint on C-Purlins in 1 x 13mm Plasterboard Wall



### Installation Instructions

#### 1. Surface Preparation

Ensure all surfaces to be coated are clean, free of dust, debris, and oils. Thoroughly clean the Galvanised Steel Purlin using a green scouring pad and Isopropyl Alcohol.

#### 2. Primer Application

Once the Purlin has dried, using a brush apply PaintPlus Galv Coat to the areas of the purlin that will be coated with FBL-100.

#### 3. Ceramic Fibre

Once the primer has dried, install ceramic fibre (128Kg/m<sup>3</sup> density) inside the cavity left by the Purlin. The Ceramic Fibre should be approx. 3 times the height of the purlin, and at least as thick as the wall.

#### 4. Pattress

Once the Primer has cured, cut the plasterboard pattress into pieces and friction fit to the purlin and screw off using 41mm x 6g GIB Grabber Screws.

#### 5. GIB Fire Soundseal

Fill any annular gap less than 5mm and any joints in the pattress with GIB Fire Soundseal

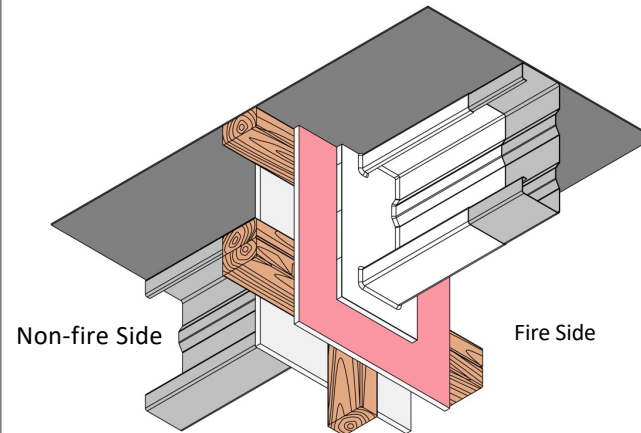
#### 6. FBL-100

When GIB Fire Soundseal has dried, apply FBL-100 by brush until the last tooth of the WFT Comb provided has paint on it. Paint the entire pattress and paint the steel purlin to 300mm from the wall.

#### 7. Topcoat

Tech Coatings recommends using a high-quality topcoat from a reputable supplier. This will protect FBL-100 from any unforeseen environmental or mechanical damage.

### System ID# FC228



#### Notes:

These drawings are for site example only. The performance of any fire rated system is dependent on, but not limited to the fire separating element, size of aperture, the cross-sectional size of penetration. Please refer to the Technical Data Specification for more detailed information or contact the Tech Coatings Technical department.

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### Tech Coatings Fire Rated Systems

**System:** PenoLock  
**TDS:** PTR-NLS60  
**Approval:** AS1530.4:2014  
**Report #:** FTSL-PF23016  
**FRR:** --/60/60

#### Fire Separating Element(s):

116mm thick, timber framed, plasterboard wall with an FRR of 60/60/60

#### Penetration(s) Type:

Steel C Section purlin

#### Size(s):

200mm, 250mm, 300mm, 350mm, 400mm

#### Materials

FBL-100 Intumescent Coating  
PaintPlus Galv Coat  
Ceramic Fibre  
GIB 13mm Fyrelite Pattress  
GIB Fire Soundseal  
GIB 41mm x 7g GIB grabber screws

#### Please note:

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<b>Scale:</b> NTS	<b>Date:</b> 07 September 2023
<b>Sheet Size:</b> A3	<b>Prepared by:</b> Shane Wyatt
<b>TDS Number:</b> PTR-NLS60	<b>Version:</b> 3.1