

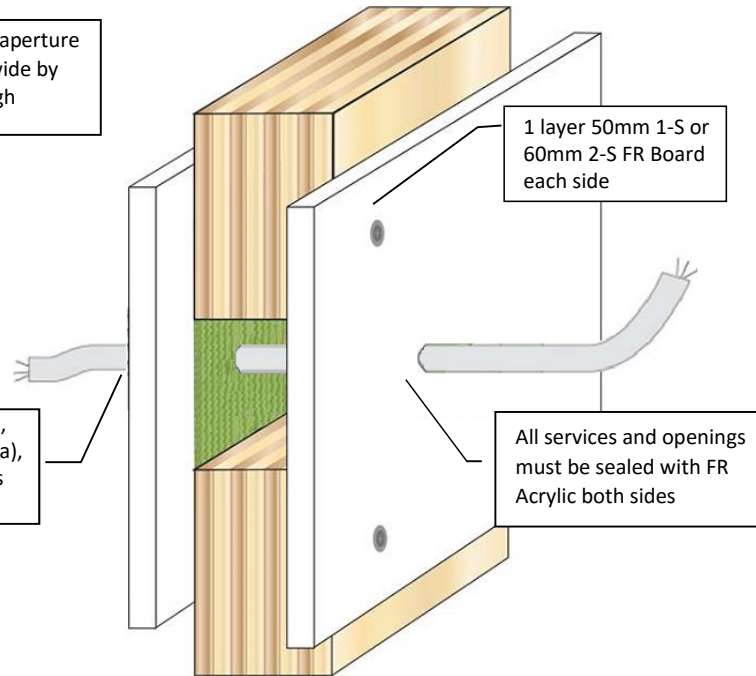
Protecta FR Board Solid Timber or CLT Wall 100mm Cables

Installation Instructions

1. Before installing Protecta® FR Board ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The FR Board may be 50mm or 60mm with coated side facing outwards.
3. Cut the required boards to suit the aperture dimensions and penetrant.
4. The FR Board must oversail the aperture by 100mm and be bonded to the wall with a bead of Protecta® FR Acrylic. Fix with 100mm wood screws and penny washers at corners and at 300mm centres 50mm in from edge.
5. All joints, gaps or imperfections in the installed seal must be filled with Protecta® FR Acrylic on both sides.
6. Protecta® FR Board can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture
 1200mm wide by
 600mm high

Cables (electrical,
 fibre optic or data),
 single or bundles
 up to 100mm



1 layer 50mm 1-S or
 60mm 2-S FR Board
 each side

All services and openings
 must be sealed with FR
 Acrylic both sides

Minimum separations and limitations

An aperture can include several services, and they may also be different. Services within the system Protecta® FR Board seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. Services should be a minimum of 25mm from seal edges. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area. The minimum permitted separation between adjacent apertures is 200mm.



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For all technical details on the products specified please refer to the technical data sheets that can be found on www.firestopcentre.co.nz

Signed and approved:

System/FPA Register ID# FC586

Products	Protecta FR Board Protecta FR Acrylic
Application	Fire stopping of cables in timber walls
Construction	Minimum wall thickness of 100mm and comprise solid timber or CLT with a minimum density of 510kg/m ³

Fire & Sound classification

In 100mm walls:

Single cables up to 21mm diam FRR -/120/120

Cables up to 21mm diam in tied bundles up to 100mm diam FRR -/60/60

Smoke-safe (<0.1m³/h smoke leakage at 200Pa)

Sound reduction (seal only)

STC 55



Protecta®

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