

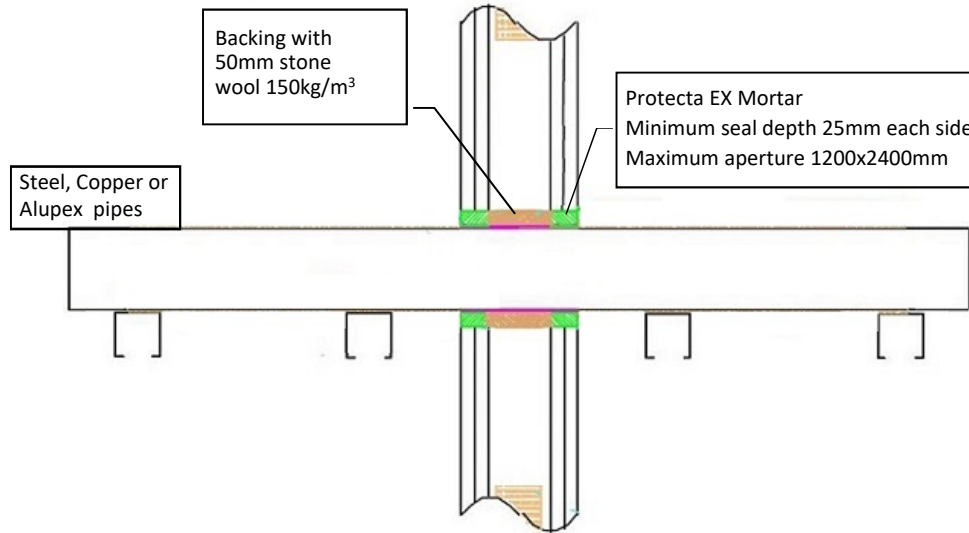
## Protecta EX Mortar - Plasterboard Wall Bare Metal Pipes

System/FPA Register ID# FC562

<b>Products</b>	Protecta EX Mortar
<b>Application</b>	Fire stopping of bare metal pipes in plasterboard walls.
<b>Construction</b>	Minimum wall thickness of 100mm comprising timber or steel studs with 2 layers 13mm fire board.

### Installation Instructions

1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Pour clean water into a suitable mixing vessel and pour enough mortar to obtain the required consistency. Mix well to avoid lumps. Always add the mortar to the water, do not reverse this mixing process.
3. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.



### Fire & Sound classification

Alupex pipes ≤ Ø75mm with 20mm stone wool insulation 80kg/m<sup>3</sup> (interrupted) FRR -/120/-

Steel pipes ≤ Ø219mm with 30mm stone wool insulation 80kg/m<sup>3</sup> (interrupted) FRR -/120/-

Copper pipes ≤ Ø54mm with 20mm stone wool insulation 80kg/m<sup>3</sup> (interrupted) FRR -/120/-

Sound reduction (seal only)

STC 64

### 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.

As a part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and is provided for guidance only. Any drawings provided are for illustrative purposes only. As Polyseam has no control over the methods or competence of installation and of prevailing site conditions, no warranties, expressed or implied, is intended to be given as to the actual performance of the product mentioned or referred to herein and no liability whatsoever will be accepted for any loss, damage or injury arising from the use of the information given.

For all technical details on the products specified please refer to the technical data sheets that can be found on [www.firestopcentre.co.nz](http://www.firestopcentre.co.nz)

Signed and approved:

Sheet size: **A4** Drawn date & no: 23/5/21

Drawn by: K.B