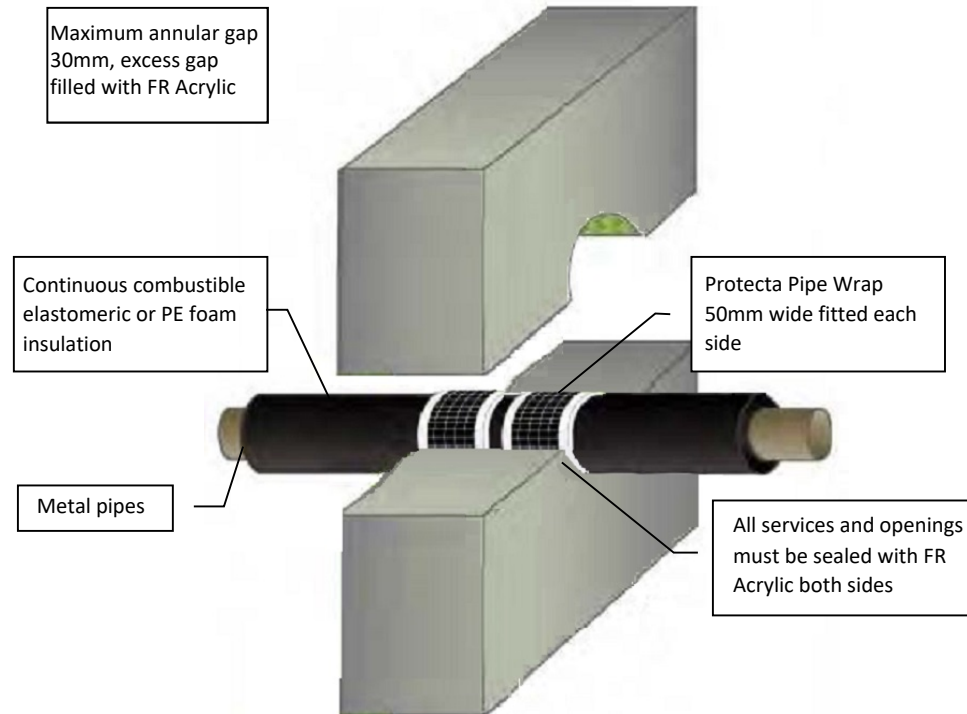


Protecta FR Wrap - Concrete Wall min 100mm Metal Pipes with Combustible Insulation

Installation Instructions

1. Before installing Protecta® FR Pipe Wrap ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The FR Pipe Wrap should be flush with the surface of the wall on both sides.
3. Maximum annular space of 30mm with all remaining annular gap to be filled with Protecta® FR Acrylic to the full depth of the wall. This will also ensure a smoke tight seal.



System/FPA Register ID# FC584

Products	Protecta FR Pipe Wrap Protecta FR Acrylic
Application	Fire stopping of metal pipes with combustible insulation in core-drilled concrete walls
Construction	Minimum wall thickness of 100mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

Fire & Sound Classification

For 100mm thick walls:

<u>Steel</u> pipes $\leq \text{Ø}40\text{mm}$ with 13mm insulation	- 1 layer of pipe wrap	FRR -/120/120
<u>Steel</u> pipes $\leq \text{Ø}165\text{mm}$ with 13 - 32mm insulation	- 2 layers of pipe wrap	FRR -/120/60
<u>Steel</u> pipes $\leq \text{Ø}324\text{mm}$ with 32 - 50mm insulation	- 3 layers of pipe wrap	FRR -/90/90
<u>Copper</u> pipes $\leq \text{Ø}12\text{mm}$ with 9mm insulation	- 2 layers of pipe wrap	FRR -/120/120
<u>Copper</u> pipes $\leq \text{Ø}54\text{mm}$ with 9 - 13mm insulation	- 2 layers of pipe wrap	FRR -/120/90
<u>Copper</u> pipes $\leq \text{Ø}54\text{mm}$ with 13 - 25mm insulation	- 2 layers of pipe wrap	FRR -/120/60
<u>Alupex</u> pipes $\leq \text{Ø}75\text{mm}$ with 9 - 25mm insulation	- 2 layers of pipe wrap	FRR -/60/60

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

Signed and approved:

Sound reduction (seal only) STC 55

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