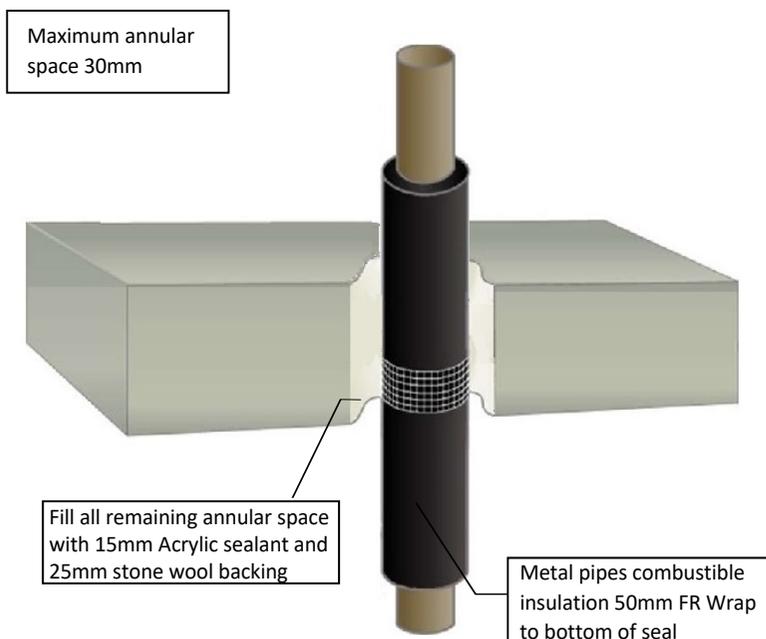


Protecta FR Wrap - 100mm Concrete Floor Metal Pipes with Combustible Insulation

Installation Instructions

1. Before installing Protecta® FR Wrap ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The FR Wrap is to be applied to the bottom of the seal as a single layer or double layer according to the system specification.
3. Fill all remaining annular space between the side of the core-drilled floor slab and the FR Wrap with Protecta FR Acrylic Sealant to a depth of at least 15mm backed with 25mm stone wool 33kg/m³ (or simply fill with 40mm Acrylic).



System/FPA Register ID# FC575

Products	Protecta FR Wrap Protecta FR Acrylic
Application	Fire stopping of metal pipes with combustible insulation in core-drilled rigid floors
Construction	Minimum floor thickness of 100mm and comprise aerated concrete or concrete with a minimum density of 650kg/m ³ .

Fire & Sound classification

Steel Pipes ≤ Ø40mm FR Wrap 50mm 1 layer Elastomeric insulation 13mm	FRR -/180/120
Steel Pipes ≤ Ø165mm FR Wrap 50mm 1 layer Elastomeric insulation 19mm	FRR -/90/90
Copper Pipes ≤ Ø54mm FR Wrap 50mm 2 layers Elastomeric insulation 9-13mm	FRR -/240/60
Copper Pipes ≤ Ø54mm FR Wrap 50mm 2 layers Elastomeric insulation 13-25mm	FRR -/180/45
Alupex Pipes ≤ Ø75mm FR Wrap 50mm 2 layers Elastomeric insulation 9-13mm	FRR -/120/120
Alupex Pipes ≤ Ø75mm FR Wrap 50mm 2 layers Elastomeric insulation 13-25mm	FRR -/60/45
Sound reduction (seal only)	STC 64

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