

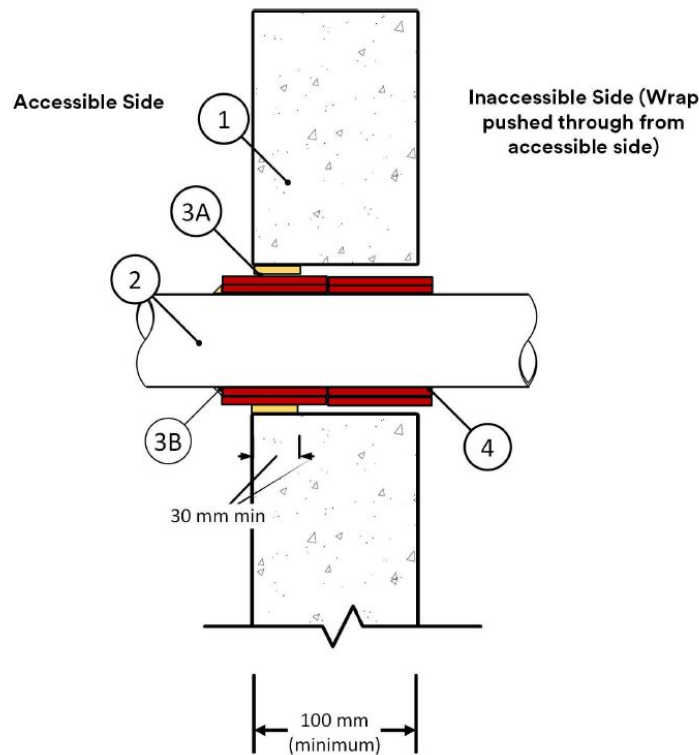
## 3M™ Fire Protection

### Design Specification Sheet : Tuck-In Wrap Concrete Wall One-sided Application

Through Penetration	Construction Type	FRR	Compliance Report
PVC or PVC-U Pipe	Concrete, AAC or Masonry Wall 100mm thick	Up to -/120/120	AS 1530.4:2014 & AS 4072.1-2005 BRANZ FC10453 Page 13 System/FPA Register ID# FC361

## 3M™ Fire Barrier Tuck-In Wrap Strip Fire Stopping System

### PVC or PVC-U Pipes in Concrete Walls One-sided



### Installation

1. Concrete or masonry wall, 100mm minimum thickness.
2. PVC or PVC-U Pipe, pipe sizes as per Table 1.
- 3A. 3M IC15WB+ or 3M CP25WB+ Sealant inserted at least 30mm into annular space.
- 3B. 3M IC15WB+ or 3M CP25WB+ Sealant 5mm fillet around the Wrap Strip/Pipe junction.
4. 3M™ Tuck-In Wrap Strip fitted closely around the pipe and pushed into the wall leaving approx 20mm protruding from the wall each side. One or two layers as per Table 1.

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**Table 1 - PVC-U Pipe and Aperture Size for 3M™ Tuck-In Wrap Strip in Concrete Walls One-Sided**

Pipe Outside Diameter	Minimum Annular Gap	Maximum Annular Gap	Pipe wall Thickness	No. of Wraps	FRR
Up to 50mm	10mm	30mm	Up to 3.7mm	1	-/120/120
Up to 110mm	10mm	30mm	Up to 5.3mm	2	-/120/120
Up to 110mm	10mm	30mm	Up to 3.2mm	1	-/120/90
Up to 110mm	10mm	30mm	Up to 5.3mm	1	-/60/60

NOTE: Where the FRR of the wall is less than the system FRR in Table 1 above then the lower FRR must be used.

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