



\*P40-MAK Wrap shown with cutaway for illustrative purposes only.

Component Schedule	Component Name	Primary Fire Stopping Product	Applicable Substrates with an Established FRL	Approved Mixed Services - System subject to the least performing substrate or service					
				Cables	FRL w/ Wrap	Metal Pipes	FRL w/ Wrap	Plastic Pipes	FRL w/ Wrap
1	Min 20mm x 40mm with 40mm side against the concrete	<b>BOSS Fire TransitBox®</b>	<b>Minimum 70mm thick concrete floor slabs to suit 60min fire ratings.</b>	-Appendix D1 Power Cables (exempt 630mm <sup>2</sup> )	-/120/120	-Paircoil up to 13/19mm Insulated Copper Pipes	-/120/120	-PEX & PEX-AL-PEX Pipes up to 32mm with or without lagging	-/120/120
2	BOSS FireMastic-300™	<b>Secondary Fire Stopping Product</b>		-Multi Core Power Cables: Individual conductor size up to 16mm <sup>2</sup> . Total maximum cross sectional area not greater than 48mm <sup>2</sup> per cable.	-/120/120	-Copper Pipe up to 25mm OD with minimum 13mm thick non-combustible lagging	-/120/120	-UPVC Pipe & Conduit up to 55.8mm OD	-/120/120
3	Mechanical Fixing	<b>BOSS FireMastic-300™</b>	<b>Minimum 110mm thick concrete floor slabs to suit 90min and 120min fire ratings.</b>	-Appendix D2 Data / Comms Cables are also including: CAT5, CAT5E, CAT6, CAT7, COAX, MATV, SMATV, CATV, Fig 8, Fire Alarm, EWIS, LAN, Security, NBN, Fibre Optic & Speaker cables.	-/120/120	-Copper Pipe up to 32mm OD with minimum 19mm thick continuous Armaflex, K-Flex or Thermobreak lagging	-/120/120	-CPVC Pipe up to 60.3mm OD	-/120/120
4	BOSS Fire® Transit Box	-Perimeter seal around box and concrete slab.		-Copper Pipe up to 50.8mm OD with minimum 25mm thick FR lagging	-/120/120	-Copper Pipe up to 50.8mm Uninsulated	-/120/120	-PE-RT Pipe or PE-RT Kelox pipe up to 32mm OD with or without lagging	-/120/120
5	Concrete	-Maximum 10mm annular gap around box with FireMastic-300 to top and bottom side, finished with minimum 20mm x 20mm fillet on top side of concrete slab.		-Cables with Aluminium core 185mm <sup>2</sup> or less	-/120/120	-Steel Sprinkler Pipe up to 60.3mm OD	-/120/120		
6	Services	<b>Tertiary Fire Stopping Product</b>							
7	BOSS P40-MAK Wrap™	<b>P40-MAK Wrap</b> -Where applicable apply to services both sides of wall. Refer to services list and desired FRL to determine requirements.							

**LIMITATION**  
BOSS Fire & Safety Pty Ltd has provided the above technical information in good faith and to the best of its knowledge. This information was deemed to be correct at the time of publication. Should any data come to BOSS Fire & Safety's attention relating to the fire resistance or performance of the product described, BOSS Fire & Safety Pty Ltd reserve the right to amend this document or drawing. BOSS Fire & Safety strive to constantly improve and develop products so this information may change without notice.  
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<b>Drawing Information:</b>			
<b>Category 1</b>	Floor		
<b>Category 2</b>	Service Penetration		
<b>Category 3</b>	Mixed		
<b>Test Standard</b>	AS1530.4-2014/AS4072.1-2005		
<b>Test Reference</b>	Branz FC12925 / FTC843		
<b>Drawing Number</b>	W-SP-MIX-025		
<b>Product DWG ID</b>	BFB-026		
<b>Drawn By</b>	EG	<b>Rev</b>	02
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