

6.5.2 Oversize penetration seals, in drywalls and concrete/masonry walls or floors

Table 42 Construction details

Penetration seal example: Combustible pipes fitted with Protecta FR Collar, to both sides of the wall.	
Construction details:	

Table 43 PVC-U pipe installed at an angle (45°)

Services	Collar inlay	FRL
PVC-U pipe		
Diameter 50 mm, wall thickness 2.4 mm*	60 x 15.0 mm	-/90/90 C/C
<p>*Pipe fitted at 45° to the face of the partition in a horizontal plane</p> <p>Note: Oversize collars can be used as a method of fire protection in both walls and floors for any type of services as assessed in section 6.0 including both pipes and cables where the requirement for oversize collars arise due to angling of services or oversized apertures. However, when used with over-sized collars, the fire resistance performance of any 180 minutes or 240 minutes systems must be reduced to maximum 120 minutes in integrity and insulation.</p>		