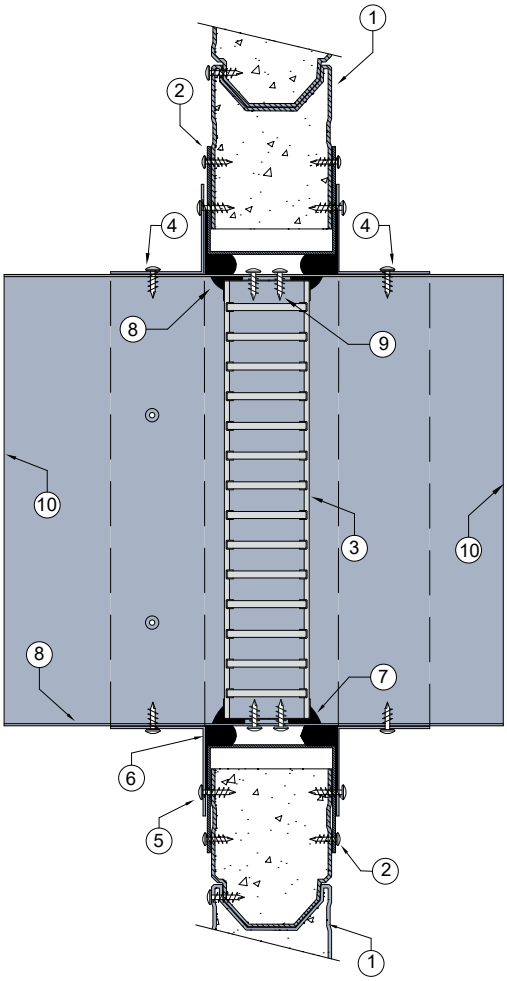
SPEEDPANEL® 1

FIRE RATED SPEEDPANEL® WALL SYSTEM

	DESCRIPTION
1	Speedpanel® wall system.
2	Aperture lined out with galvanised steel C track section and screw fixed to wall with steel fixings as per Speedpanel® test approvals.
3	Lorient LVH44 intumescent fire damper.
4	Angles fixed to casing with steel self drilling screws at 150mm centres.
5	0.6mm (min) Z275 galvanised steel angles to all four sides. Angle dimensions shall be continuous and at least 2 x the dimension of the gap between the damper casing and the penetrated element.
6	Gap between casing and aperture filled with Lorient intumescent sealant. Backing rod used as required to control sealant fill depth to at least 25mm. Maximum annular gap between casing and wall 25mm.
7	Fire damper perimeter sealed with Lorient intumescent sealant.
8	Z275 galvanised steel casing minimum 0.6mm.
9	LVH44 fixed to casing with 2 x steel self drilling screws or pop rivets.
10	Casing terminates with breakaway joints, as per AS1682.2.



LVH44 in steel casing penetrating fire rated Speedpanel® wall

FRL Up to -/120/-

Fire Resistance in accordance with

AS1530.4 2014

Approval Ref

EXOVA EWFA RIR 21622-31

Max size

1000mm x 1000mm

INSTALLATION INSTRUCTIONS

- Prepare the wall opening to accept the fire damper and install in wall, as shown in system detail.
- Centralise the casing and firestop the gap between the casing and wall with Lorient intumescent sealant, note fill details in point 6.
- Perimeter angles are mechanically fixed to casing with steel self drilling screws or pop rivets, as detailed in points 4 & 5.
- Ductwork shall be connected with breakaway joints, as per point 10.
- Ensure product identification labels are conspicuously positioned for easy identification.
- Ensure convenient access is provided to allow for AS1851 inspection and maintenance routines.
- **Note: Damper casings, angles and fixings supplied by others.**