The 2 referenced Reports below are from a Registered Testing Authority which meet A2.2, A2.3 and Specification A2.3 of the BCA (NCC) - DTS Compliance for Tested Systems:

**Exova Report RIR 27186 ID H8** 2 staggered Layers of TBA Firefly Intubatt glued into the aperture using Intumastic. Maximum Aperture Size no more than 600mm wide with an overall surface area of up to 2.4m². Friction fixed and glued into the aperture with Intumastic.

**OR**

**Exova Report RIR 27186 ID H5** 2 staggered Layers of TBA Firefly Intubatt glued into the aperture using Intumastic. Maximum Aperture Size 1200mm x 1200mm. Friction fixed and glued into the aperture with Intumastic.

**Exova Report RIR 34088500:** All services contained within Table 6, Table 8, Table 8a and Table 8b may pass through Seal ID No’s H5 and H8.

**Spacing between Multiple Service Penetrations:** Minimum 40mm apart
Overview of some of the Tested services which achieve an FRL-/120/120 through the double Intubatt Seals: The Specific Service ID No's referenced below are from Exova RIR 34088500:

**ID H1** - D1 Power Cables with Tray: Protected with TBA Firefly Penowrap 300mm Top & Bottom or 600mm Topside Only

**ID H40** - Pair Coil, Flexidrain & Cables: Protected with Intumastic HP

**ID H51** - NBN Triple Conduits with cables: Protected with Intumastic HP

**ID H49** - PEX-AL Gas Pipe: Protected with Intumastic HP

**ID H48** - Up to 300mm OD Steel Sprinkler Pipe: Protected with TBA Firefly Penowrap 500mm above and below or 1m Topside only

**ID H5** - D1 Power Cables with Tray Close to edge: Protected with TBA Firefly Penowrap 600mm to Topside only.

**ID H26** - 150mm uPVC Pipe: Protected with TBA Firefly RF150 Fire Collars