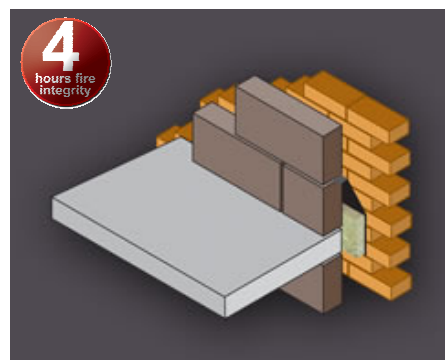




ARC Horizontal Fire and Acoustic DPC

The ARC Horizontal Rockfibre DPC has been developed to restrict the passage of smoke and flames and to minimize sound transmissions through external cavities at separating floor levels which is a requirement of building regulations. This product meets the requirement by significantly reducing the vertical movement of sound transmission within the cavity. The Rockfibre insulation is protected by a damp proof course on the external face, thus satisfying a requirement of the National House Building Council (NHBC).

- 4 hours fire integrity – Warrington Fire Research test
- Meets NHBC Acoustic standards
- Part E compliant
- Robust Detail requirement
- Vertical and Horizontal applications
- Available in standard cavity widths (50, 65, 75, 90, 100mm)
- Special sizes available on request



Fitting Instructions

ARC horizontal Acoustic DPCs are fitted into the external cavity wall level with the floor slab. The overlap of the DPC is fitted between the above mortar joints to form a cavity tray.

Technical Data

The ARC Acoustic DPC is manufactured using Rockwool mineral wool (thermal conductivity 0.037) and a Polyethylene DPC (to BS 6515). ARC Acoustic DPC's achieved in excess of 4 hours fire integrity at Warrington Fire Research. Is non-combustible to BS476: Part 4 1970 (1984) Class 1. Surface spread of flame to BS476 Part 7 1987; and Class O to the Building Regulations. Also meets the requirements of the NHBC and Approved Document E (2003) to the Building regulations.

Standard Dimensions

Suitable for Cavity Width	Dimensions	Pack Quantities	Fire Integrity
50mm	50mm x 260mm x 1200mm (600mm wide DPC)	10	4 hours
75mm	75mm x 260mm x 1200mm (600mm wide DPC)	8	4 hours
100mm	100mm x 260mm x 1200mm (600mm wide DPC)	6	4 hours

Non standard sizes available on request.

Note: Mineral wool is bonded to 1300 long x 600mm wide Polyethylene DPC. DPC overlaps 300mm (top) and 40mm (bottom).

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