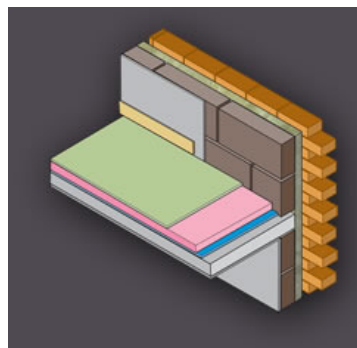


ARC Thermal and Acoustic Insulated Chipboard Flooring

Designed to provide both thermal and acoustic insulation for both ground and intermediate floors, in either new build or refurbishment work. ARC insulated chipboard floor boards consist of CFC free extruded polystyrene bonded on to tongue and grooved moisture-resistant chipboard. The product has excellent compressive strength and eliminates the need for wet screeds in the new floor construction and is easy to install.

- Ideal for thermal and acoustic applications
- CFC and HCFC free
- Eliminates the need for a wet screed on concrete floors



Fitting Instructions

The ARC chipboard laminates are easy to fit, deally the floor should be dry before commencing work. No mechanical fixing is required and should be laid with the joints staggered in a brick bond fashion. Leave a gap of 10mm or 2mm per metre run of floor between the perimeter wall and abutments as expansion may occur when chipboard absorbs atmospheric moisture and expands. The tongue and groove joints require gluing.

Technical Data

ARC Chipboard Laminates:			
Chipboard length 2400mm x 600mm wide x 18mm thick.			
Chipboard Conductivity 0.14 W/mk			
Insulation: Extruded Polystyrene Conductivity 0.029 W/mk			
Expanded Polystyrene Conductivity 0.038 W/mk			
Overall Board Thickness mm	Insulation Thickness mm	Extruded Polystyrene Thermal Resistance R Value m ² K/W	Expanded Polystyrene Thermal Resistance R Value m ² K/W
38	20	0.818	0.655
48	30	1.163	0.918
58	40	1.508	1.181
68	50	1.853	1.444
78	60	2.198	1.708
88	70	2.542	1.971
118	100	3.577	2.760

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