



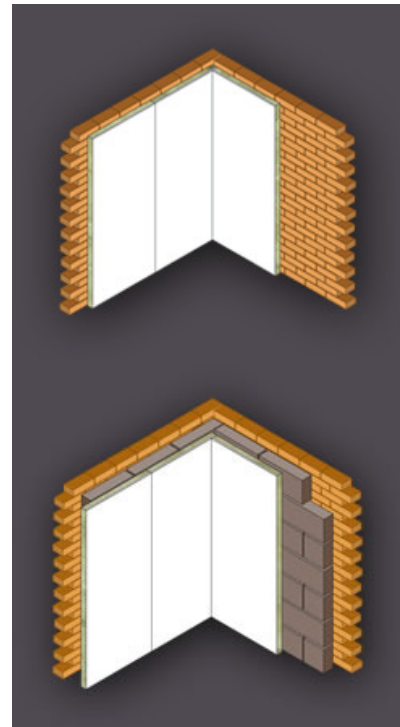
## ARC Rockfibre Lamella Thermal and Acoustic Plasterboards

Designed to offer both thermal and acoustic insulation for internal walls, helping to improve upon statutory requirements. ARC Rockfibre Lamella Plasterboards are suitable for both refurbishment and new build projects in the domestic and commercial markets where increased thermal and acoustic performance is required. Rigid Rockfibre slabs are cut into strips and turned through 90 degrees so that the fibres lie at right angles to the plasterboard. This gives increased resistance to compression of a slab of the same density.

ARC Rockfibre Lamella Plasterboards are available incorporating tapered edge, square edge, and foil-faced plasterboards. Non-combustible to BS476: Part 4 1970 (1984) and Class 1 Surface Spread of Flame to BS476: Part 7 1987 and Class '0' to the building regulations. The base Rockfibre material is chemically inert and compatible with all building materials, rot-proof and does not encourage the growth of fungi, mould or bacteria.

Also available with a standard rigid Rockfibre mineral wool slab insulation.

Various sizes and thicknesses available on request.



### Technical Data

ARC Lamella Plasterboard Laminate:		
Plasterboard length 2400mm x 1200mm wide x 12.5mm thick.		
Plasterboard Conductivity 0.25 W/mk		
Insulation: Lamella Rockwool Conductivity 0.044 W/mk		
Overall Board Thickness mm	Insulation Thickness mm	Lamella Rockwool Thermal Resistance R Value m <sup>2</sup> K/W
29.5	17	0.436
32.5	20	0.505
42.5	30	0.732
52.5	40	0.959
62.5	50	1.186
72.5	60	1.414
87.5	75	1.755
92.5	80	1.869
102.5	90	2.095
112.5	100	2.323

### Fitting Instructions

ARC Plasterboard Laminates can be adhered to existing walls using suitable bonding compounds / filling adhesives, manufacturer's guidelines must be followed. They can also be fixed utilising metal frame work or timber framing and battens.

#### ARC Building Solutions Limited

Unit 30a, Headway Business Centre  
Knowles Lane  
Bradford  
West Yorkshire. BD4 9SW

t: 01274 680 577  
f: 01274 680 598  
e: info@arcbuildingsolutions.co.uk  
w: www.arcbuildingsolutions.co.uk