



### **Thermal Polythene Encapsulated Pads and Rolls**

Thermal polythene encapsulated rolls and pads are manufactured using glass mineral fibre roll. A1 fire rating insulation, made of recycled products.

The insulation is then totally encapsulated in 200g polythene (Vapour Checked to BS 2972 / 1989) and heat sealed. This method of encapsulation provides a completely safe and environmentally friendly product, and does not detract from any of the raw materials properties, thermal or acoustic.

If the finished product needs to be cut etc on site then the normal precautions for handling the glass fibres must be adhered to. Individual COSH sheets are available. Normal pad sizes are 600mm x 600mm x 1200mm variations are available on request. Normal roll sizes are 600mm or 1200mm wide up to a maximum length dictated by the glass or fibre manufacturers roll length, information on request.

### **Glassfibre Density 10kg/m3**

Thickness in mm	R Values (m2 k/w)	Noise Reduction Coefficient of Glassfibre
60mm	1.62	0.81
80mm	2.16	0.93
100mm	2.70	1.04
150mm	4.05	1.13
200mm	5.40	1.14
250mm	6.75	1.16
300mm	8.15	1.18

**Fire performance, insulation:** Classified as none-combustible when tested in accordance with BS 476: part 4: 1970 (1984)

Orange flame retardant pads are also available, as has recently been specified in a large supermarket chain refurbishment.

\*Insulation pads and rolls must not be kept compressed after delivery as this may damage the insulation from reinflating back to maximum thickness. Please un-pack and shake the pads to allow air back into the pad and then allow 48-72 hours for full reinflation. Please also note that these pads are made by an alternate manufacturer.