



**TEKWARM**

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## GLASS CEILING PADS & ROLLS

**Glass fibre insulation, encapsulated in plastic ceiling pads and rolls.**

### GLASS CEILING PADS

#### Main uses

Tekwarm Insulation Encapsulated Ceiling Pads are designed to be used on the back of suspended ceiling grid tiles and are produced in a range of thicknesses and can be made to suit any size of ceiling grid tile on application.

#### Sizes

*All sizes are nominal.*

600mm x 600mm x 25mm  
600mm x 600mm x 50mm  
600mm x 600mm x 60mm  
600mm x 600mm x 100mm  
600mm x 600mm x 150mm  
600mm x 600mm x 200mm  
600mm x 600mm x 250mm  
600mm x 600mm x 300mm

All of the above thicknesses are also available in 1200mm x 600mm and can be made to fit any size of ceiling grid tile.

### TECHNICAL SPECIFICATION

Tekwarm manufacture our standard contract range of insulation pads and rolls from a A1 fire rated glass core material, which is factory encapsulated using recycled black plastic.

Glass fibre with recycled core material is used in the manufacture of our ceiling pads & rolls to reduce carbon footprint.

The glass fibre used in our ceiling pads and rolls is free from CFCs, HCFCs, and contains no other substance which have ozone depletion potential or greenhouse gases.

Glass fibre is odourless, rot proof, non-hygroscopic, does not sustain vermin and will not encourage growth of fungi, mould or bacteria.

Glass fibre roll has a thermal conductivity of 0.044W/mk this gives the following thermal resistance figures;

100mm thickness is 2.25 m<sup>2</sup>k/w  
150mm thickness is 3.40 m<sup>2</sup>k/w  
200mm thickness is 4.50 m<sup>2</sup>k/w  
250mm thickness is 5.68 m<sup>2</sup>k/w  
300mm thickness is 6.80 m<sup>2</sup>k/w

The glass fibre is manufactured in accordance with BS EN 13162, ISO 5001, ISO 9001 and ISO 14001.



## GLASS CEILING ROLLS

Tekwarm Glass Ceiling Rolls are encapsulated in plastic, which not only creates a natural vapour barrier which prevents the ingress of moisture within the structure, but also makes them easy to handle without fibre migration.

### Applications

Tekwarm Insulation Encapsulated Rolls are multi-functional and are designed to suit any site application where they can be fitted.

Typical uses are:

- In-between studding or ceiling joists
- As an overlay in lofts and ceiling voids
- Offsite construction

They can also be rolled out on the back of suspended ceiling grid tiles to form unbroken insulation.

### Sizes

*All sizes are nominal.*

10.0m x 400mm x 25mm  
10.0m x 600mm x 25mm  
10.0m x 1200mm x 25mm  
10.0m x 400mm x 50mm  
10.0m x 600mm x 50mm  
10.0m x 1200mm x 50mm  
12.18m x 400mm x 100mm  
12.18m x 600mm x 100mm  
12.18m x 1200mm x 100mm  
8.06m x 400mm x 150mm  
8.06m x 600mm x 150mm  
8.06m x 1200mm x 150mm  
6.09m x 400mm x 200mm  
6.09m x 600mm x 200mm  
6.09m x 1200mm x 200mm  
4.03m x 400mm x 250mm  
4.03m x 600mm x 250mm  
4.03m x 1200mm x 250mm  
4.03m x 400mm x 300mm  
4.03m x 600mm x 300mm  
4.03m x 1200mm x 300mm

All the above thicknesses are available in cut lengths to suit site applications.

Other thicknesses can be manufactured to fit site requirements.

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## DISCLAIMER

1140/1160mm wide dependant on availability therefore all pad and roll sizes stated are nominal on dimensions .

The statements and technical information in this data sheet are the results of tests or laboratory evaluations and represent the extent of information supplied by material manufacture.

No guarantee or warranty, expressed or implied, is given as to performance or suitability for application. Users to access suitability for their applications. Information is believed current at time of publication.

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