



## Information Sheet

Suspended ceiling insulation from Judge is a fully encapsulated insulation system. Each insulation pack is fully enclosed to make installation and transport simple.

## Insulation Pack Dimensions

Standard packs are available in the following sizes:

- |                     |          |                      |           |
|---------------------|----------|----------------------|-----------|
| • 600 x 600 x 25mm  | JCS0725  | • 1200 x 600 x 100mm | JCS127100 |
| • 600 X 600 X 100mm | JCS07100 | • 1200 x 600 x 200mm | JC2070    |
| • 600 x 600 x 200mm | JCS070   |                      |           |



## Applications

For use above all suspended ceilings as insulator or for sound dampening properties. Encapsulated insulation is appropriate for clean-air environments, where hygiene is an important factor and anywhere where loose fibres may cause problems. Packs are lightweight, will not damage or cause undue stress to your suspended ceiling and are an economic insulation or acoustic dampening solution.

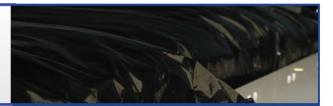


## Contents

Glass-fibre (defined as mineral wool in BS3533: 1981)

## Thermal Conductivity

0.044 W/mK

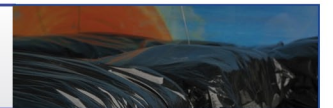


## Fire Rating

Non combustible glass-fibre classified as Euroclass A1 to BS EN ISO 13501-1 standard.

## Finish

Standard black polythene (thickness: 40 microns).



## Durability

Non-hygroscopic (i.e. does not readily absorb moisture), odourless, rot-proof. Does not sustain vermin or encourage fungal or bacterial growth.



## Insulating Properties

Thermal resistance of packs is:  
 100mm thickness: 2.25 m<sup>2</sup>K/w  
 200mm thickness: 4.5 m<sup>2</sup>K/w  
 Please note that overall level of insulation will vary according to additional factors such as level of coverage of insulation packs, suspended ceiling installed and environmental factors.



## Acoustic Dampening

Insulating pads can reduce radiated noise although results will vary depending on ceiling finish, volume of insulation and other environmental factors. Can reduce room to room sound transmission via ceiling voids and dampen sound within a room.



## Environmental Credentials

Glass fibre mineral wool is inorganic and free from CFCs, HCFCs or any other material known to deplete ozone within its content or manufacture. It is classified as Zero ODP and Zero GWP.

