

# Mayplas

*The Insulation Converter*

## 325 Thermal Roof Panel System

### Product Guide

Mayplas Thermal Roof Panel System is designed for use as 'warm roof' rafter insulation within pitched roofs



- \* **Reduces condensation risks**
- \* **Easy to fit roof panel system**
- \* **Excellent thermal insulation**
- \* **Creates "warm room" loft space**



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FM 11012

## Product Specification

### 325 Thermal Roof Panel System

The system consists of a high density rockfibre “Upper Panel” and a low density rockfibre “Lower Panel”

#### Upper Panel

Type:	High Density rockfibre slab
Panel Size:	1200mm x 900mm
Panel Thickness:	40, 50, 60, 65, 70, 75, 80, 90 & 100mm
Fire Performance:	Class O to The Building Regulations
Thermal Conductivity:	0.036 W/mK

#### Lower Panel

Type:	Low Density rockfibre slab
Panel Size:	1140mm x 600mm
Panel Thickness:	50, 60, 75 & 100mm
Fire Performance:	Class O to The Building Regulations
Thermal Conductivity:	0.035 W/mK

#### Fixing Upper Panels

Upper panels are laid across the rafters, starting at the eaves. A ‘stop’ batten should be fixed at eaves level to prevent panels from slipping. Boards should be close butted and laid with staggered joints

Counter battens (50mm x 38mm), at rafter position spacings, are mechanically fixed through the upper panel to the rafters at suitable centres (according to advice from fixing manufacturer)

A suitable breather membrane is laid across or under the counter battens with a minimum 150mm overlap

Upper panel should be mitred to form a tight butt joint at ridge and valley positions with a minimum 150mm breather membrane overlap, to ensure continuity. At eaves level a continuous plywood ‘tilting board’ should be fixed to the top of the fascia to carry the breather membrane over and in to the gutter

Tiling battens are then fixed according to normal practice

#### Fixing Lower Panels

Lower panels are supplied 1140mm wide for cutting on site to 570mm (600mm centres) or 380mm (400mm centres)

Lower panels are compression fitted between the rafters and tightly butt jointed, supported by galvanised quoin beads or battens

