

Happy Step

Wood-fibre boards for acoustic and thermal insulation flooring underlay

INTRODUCTION

Happy Step is an internal floor wood-fibre insulation board that is laid below floor finishes, such as timber, carpet or cork. It provides resilience, impact sound insulation and warmth underfoot. Its 6mm thickness makes little intrusion on floor levels and is therefore useful for retrofitting, as well as for discreet new installations. The boards are easily laid by professional or DIY installers.

AREAS FOR USE

Under carpet

Glue-fix Happy Step onto the base floor (do not nail), then glue-fix the carpet onto the Happy Step or nail through to the base floor. Not suitable for roller chairs, or heavy point loads. Under short pile or thin carpets the board joints may be slightly visible.

Under timber / parquet / laminate floors

Lay Happy Step onto the base floor without fixing. Lay a floating timber floor, without through-fixing, according to manufacturer's requirements.

Under cork

Glue-fix Happy Step onto the base floor, then glue-fix the cork tiles onto the Happy Step using natural adhesives available from Construction Resources. Cork tiles to be at least 6mm thick.

Not suitable for use under lino.

Suitable base floors

Suitable for use onto concrete, screed, asphalt, timber floors, and sheet boarding. Base floors to be dry and even. Use a damp proof membrane under the Happy Step if the base floor is damp.

INSTALLATION

Happy Step can be cut with a sharp knife or carpet knife. Allow a 10mm space at the wall junction, which can be filled with an edge strip of Happy Step.

SUPPLY

Availability

Happy Step insulation boards are available direct from Construction Resources.

Packaging

Boards are supplied in packs of 20 boards.



SERVICES

Sales

For cost quotations please contact the Sales Department at the address below.

Technical

For further technical information on this product please contact a product specialist at the address below.

PRODUCT DATA

Length of boards	860mm
Width	590mm
Thicknesses	6mm
Covering area per board	0.50m ²
Weight per board	0.50m ²
Thermal conductivity	$\lambda = 0.045 \text{ W/mK}$
Thermal resistance	$R = 0.13 \text{ m}^2\text{K/m}$
Vapour diffusion resistance factor	$\mu = 5$
Combustibility (DIN 4102)	B2
Bending strength	$\geq 1.5 \text{ N/mm}^2$
Density	260 kg/m ³
Packaged	20 board pack (10.1m ²)