

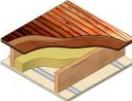
TECHNICAL INFORMATION SHEET



Karma Easypanel (Overlaid with 18mm chipboard) is a high performance floor panel filled with dry silica sand which produces exceptional acoustic performances. It is generally overlaid with 18mm chipboard and adds mass to lightweight constructions. Provides the floor with airborne and impact soundproofing improvements in a single product, this product offers high performance, slimline solutions, yet the cost hardly alters due to the use of commodity building products. Easypanel can also be used in wall or ceiling applications.

Typical Applications Karma Easypanel is an acoustic system for use with timber, steel or solid concrete substrates on floors, walls and ceilings in new build, conversion, refurbishment and remedial projects.

TECHNICAL INFORMATION

Floor Type	Construction Specification	Airborne Rw (Ctr)	Impact Lnw
Building Regulations	Conversions of Change of Use	min. 43	Max. 64
Bare Floor Test	15mm OSB, 235mm Solid Timber Joists, 100mm 10kg Mineral Wool Quilt In Cavity, Resilient Bar, 2 x 15mm Plasterboard (12.5kg/m ²)	41 (-7)	75
Solid Timber Stud	 18mm OSB, 15mm Karma Easypanel, 15mm OSB, 235mm Solid Timber Joists, 100mm 10kg Mineral Wool Quilt In Cavity, Resilient Bar, 2 x 15mm Plasterboard (12.5kg/m ²)	60 (-6)	53
	No 18mm OSB top decking	59 (-6)	56
Timber I-Joists	 18mm OSB, 15mm Karma Easypanel, 15mm OSB, 300mm Timber I-Joists, 100mm 10kg Mineral Wool Quilt In Cavity, Resilient Bar, 2 x 15mm Plasterboard (12.5kg/m ²)	60 (-7)	55
	No 18mm OSB top decking	58 (-8)	57

Benefits of Karma Acoustic Easypanel

- A high performing refurbishment solution
- Quick and easy to install
- Very low labour costs
- Natural, breathable, pollutant free and odourless
- Versatile; can be used on floors, walls and ceilings as part of new build, refurbishment and remedial projects
- Solution is only 33mm overall height
- Partitions can be built off the board
- Ideal for use in modern methods of construction
- Ideal for use in conjunction with UFH
- Adds high level of thermal mass to construction
- Meets the requirements for Approved Document E (England & Wales) and Section 5 (Scotland) Building Regs

Physical Information

- Dimensions: 1200mm x 800mm x 15mm
- Weight: 18kg/m²

Accessories

- Karma acoustic perimeter strip
- Karma Easypanel Tape

Additional Information

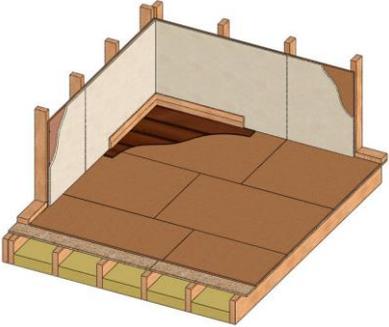
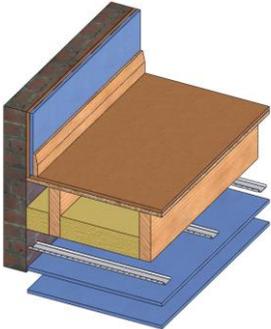
- Part E – Has demonstrated compliance with Approved Document E (England & Wales)
- Section 5 (NT) – Has demonstrated compliance with Section 5 (Scotland) – non-traditional buildings

TECHNICAL INSTALLATION GUIDE

Timber Separating Floors

General Information:

1. The entire floor and ceiling structure is responsible for the direct transmission of sound through the separating floor. For floor treatment, Karma Acoustic Easypanel is the floating resilient layer which has exceptional Airborne and Impact sound reduction values. However, if care and attention to detail are not carried out to a high standard, the overall performance will be affected.
2. Flanking walls (walls connected to the separating floor) can carry both Airborne and Impact sounds to the room above or below, so it is therefore imperative that no additional **hard finishing surface** touches against these surrounding walls. For additional acoustic treatment of flanking and separating walls, see our fitting instructions for Soundproofing Walls. However, it is imperative that Karma Acoustic Easypanel sound insulation board is butted up tightly to surrounding walls.
3. Where a wet trade is following the fitting of exposed Karma Acoustic EasyPanel, a temporary, peel clean, protective surface should be laid.
4. It is the fitter's responsibility to ensure all materials are safely and securely held.

Floor Type	Construction Specification
	<p>Option 1: Floating Floor Solution - 15mm Thickness</p> <p>Application: Best slimline performance, with absolute minimal loss of living space for new or existing timber joist floors. Popular choice to reduce both airborne and impact sound.</p> <p>Construction: New or Existing Timber Joist Floor</p> <ul style="list-style-type: none"> - Floor with a sub-deck in place - 15mm Karma Acoustic Easypanel Insulation - Floor Covering of Choice <p>See page 1 'Installation Instructions Timber Separating Floors' for further details and materials list</p>
	<p>Option 2: Floating Floor Solution (15mm Thickness Above) with Decoupled Ceiling Below (28.5 - 31mm)</p> <p>Application: Highest performance, with minimal loss of living space for new or existing timber joist floors.</p> <p>Construction: New or Existing Timber Joist Floor</p> <ul style="list-style-type: none"> - Floor with a sub-deck in place - 15mm Karma Acoustic Easypanel Insulation - Floor Covering of Choice <p>Ceiling Below</p> <ul style="list-style-type: none"> - Ceiling with / without existing plasterboard - 16mm Resilient Bars - 12.5mm or 15mm sound resistant (acoustic) plasterboard - (optional second layer of plasterboard, for new ceilings) <p>See page 2 'Installation Instructions Timber Separating Floors' for further details and materials list</p>

TECHNICAL INSTALLATION GUIDE

Concrete Separating Floors

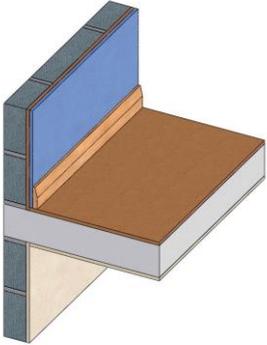
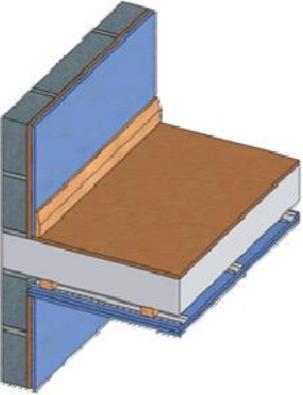
General Information:

1. The entire floor and ceiling structure is responsible for the direct transmission of sound through the separating floor. For floor treatment, Karma Acoustic EasyPanel is the floating resilient layer which has exceptional Airborne and Impact sound reduction values. However, if care and attention to detail are not carried out to a high standard, the overall performance will be affected.

It is the fitter's responsibility to ensure all materials are safely and securely held.

2. Flanking walls (walls connected to the separating floor) can carry both Airborne and Impact sounds to the room above or below so it is therefore imperative that no additional **hard finishing surface** touches against these surrounding walls. For additional acoustic treatment of flanking and separating walls, see our fitting instructions for Soundproofing Walls. However, it is imperative that Karma Acoustic EasyPanel sound insulation board is butted up tightly to surrounding walls.

3. Where a wet trade is following the fitting of exposed Karma Acoustic EasyPanel, a temporary, peel clean, protective surface should be laid.

Floor Type	Construction Specification
	<p>Option 1: Floating Floor Solution - 15mm Thickness</p> <p>Application: Best slimline performance, with absolute minimal loss of living space for new or existing separating concrete floors. Popular choice to reduce both airborne and impact sound.</p> <p>Construction: New or Existing, Concrete Floor</p> <ul style="list-style-type: none"> - Concrete Floor - 15mm Karma Acoustic EasyPanel Insulation - Floor Covering of Choice <p>See page 1 'Installation Instructions Concrete Separating Floors' for further details and materials list</p>
	<p>Option 2: Floating Floor Solution (15mm Thickness Above) with Decoupled Ceiling Below (52.5 - 79mm Thickness)</p> <p>Application: Highest performance, with minimal loss of living space for new or existing separating concrete floors.</p> <p>Construction: New or Existing Concrete Floor</p> <ul style="list-style-type: none"> - Concrete Floor - 15mm Karma Acoustic EasyPanel Insulation - Floor Covering of Choice <p>Ceiling Below</p> <ul style="list-style-type: none"> - Ceiling with / without existing plasterboard - Timber Battens – 48x48mm or 24x48mm - 16mm Resilient Bars - 12.5mm or 15mm sound resistant (acoustic) plasterboard (optional second layer of plasterboard) <p>See page 2 'Installation Instructions Concrete Separating Floors' for further details and materials list</p>