

TECHNICAL INFORMATION SHEET



Karma Easypanel is a high performance panel filled with dry silica sand which produces exceptional acoustic performances. Wall soundproofing result improve, as these high performance, slimline solutions increase in thickness, yet the cost hardly alters due to the use of commodity building products and adds mass it lightweight constructions. Easypanel can also be used in wall or ceiling applications.


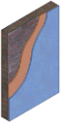
Typical Applications KARMA Easypanel is an acoustic system for use with timber, steel or solid concrete substrates on floors, walls and ceilings in new build, conversion, refurbishment and remedial projects.

TECHNICAL INFORMATION

The best slimline performance option, with absolute minimal loss of living space, are the two wall types shown in chart. Higher performing walls build-ups are available (See page 2 and 3 for more details).

This system can be applied directly to the wall type with or without existing plaster / plasterboard.

Improved upgrade results available on request.

Wall Type	Construction Specification	Airborne (dB) Rw (+Ctr)
Criteria Building Regulations	Walls	Min. 43
Timber Stud Wall	100mm Plasterboard both side	40
 Timber Stud (Upgraded)	Plasterboard Direct 1 x 15mm Plasterboard (screwed to Karma Easypanel) 1 x 15mm Karma Easypanel 100mm timber stud (no cavity insulation) 1 x 15mm Plasterboard	50 (-Ctr)
Standard Brick Wall	100mm Un-plastered	42
 Lightweight Block (Upgraded)	Plasterboard Direct 1 x 15mm Plasterboard 1 x 15mm Karma Easypanel (grab adhesive) 100mm Single leaf wall – 65kg/m3 Opposite Side Bare (to upgrade)	48 (-Ctr)

Benefits of Karma Acoustic Easypanel

- Provides exceptional acoustic performance
- BBA Certified 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
- Can be used in timber framed, masonry and steel framed building applications
- Ideal for use in modern methods of construction
- 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

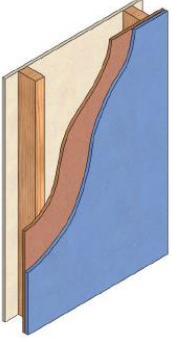
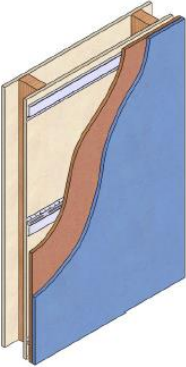
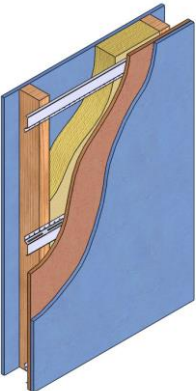
- Karma PVA Adhesive
- Karma acoustic perimeter strip
- Karma Easypanel Tape

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 or Metal Stud Separating Walls

Wall Type	Construction Specification
	<p>Option 1: Direct to Wall Solution 27.5 – 30mm Thickness</p> <p>Application: Best slimline performance, with absolute minimal loss of living space, for new or existing, stud walls, where the following wider options are not possible. It is popular as a remedial solution to meet building regulations for sound.</p> <p>Construction: New or Existing Stud Separating Wall</p> <ul style="list-style-type: none"> - Stud wall with or without existing plasterboard - 15mm Karma Acoustic Easypanel Insulation - 12.5mm or 15mm sound resistant (acoustic) plasterboard - (Optional second layer of plasterboard for fire insulation purposes) <p>See page 1 'Installation Instructions Stud Separating Walls' for further details and materials list</p>
	<p>Option 2: Decoupled Wall Solution 43.5 - 46mm Thickness</p> <p>Application: Higher performance, with minimal loss of living space for new or existing stud walls. This is a very popular choice for upgrading walls.</p> <p>Construction: New or Existing Flat Stud Separating Wall</p> <ul style="list-style-type: none"> - Stud wall with or without existing plasterboard - 16mm Resilient Bars - 15mm Karma Acoustic Easypanel Insulation - 12.5mm or 15mm sound resistant (acoustic) plasterboard - (Optional second layer of plasterboard for fire insulation purposes) <p>See page 2 'Installation Instructions Stud Separating Walls' for further details and materials list</p>
	<p>Option 3: Decoupled Wall Solution with Thermal Insulation in Cavity 43.5 - 46mm Thickness</p> <p>Application: Ultimate performance, whilst maintaining minimal loss of living space for new or exposed stud walls. Existing stud walls with plasterboard in place can also be updated by installing more studs outside the plasterboard and the following procedure can be followed.</p> <p>Construction: New or Exposed Stud Separating Wall</p> <ul style="list-style-type: none"> - New or existing stud wall with plasterboard removed - 50mm thick minimum x 45kg/m³ mineral wool to suit stud depth - 16mm Resilient Bars - 15mm Karma Acoustic EasyPanel Insulation - 12.5mm or 15mm sound resistant (acoustic) plasterboard - (Optional second layer of plasterboard for fire insulation purposes) <p>See page 3 'Installation Instructions Stud Separating Walls' for further details and materials list</p>

TECHNICAL INSTALLATION GUIDE

Masonry Separating Walls

Wall Type	Construction Specification
	<p>Option 1: Direct to Wall Solution 27.5 - 30mm Thickness</p> <p>Application: Best slimline performance, with absolute minimal loss of living space, for new or existing masonry walls, where the following wider options are not possible. It is popular as a remedial solution to meet building regulations for sound.</p> <p>Construction: New or Existing Masonry Separating Wall</p> <ul style="list-style-type: none"> - Wall with or without existing plaster / plasterboard - 15mm Karma Acoustic Easypanel Insulation - 12.5mm or 15mm sound resistant (acoustic) plasterboard - (Optional second layer of plasterboard for fire insulation purposes) <p>See page 1 'Installation Instructions Masonry Separating Walls' for further details and materials list</p>
	<p>Option 2: Decoupled Wall Solution 43.5 - 46mm Thickness</p> <p>Application: Higher performance, with minimal loss of living space for new or existing masonry walls. If the walls are uneven, batten them first, as per Option 3. This is a very popular choice for upgrading walls.</p> <p>Construction: New or Existing Flat & Even Masonry Separating Wall</p> <ul style="list-style-type: none"> - Wall with or without existing plaster / plasterboard - 16mm Resilient Bars - 15mm Karma Acoustic Easypanel Insulation - 12.5mm or 15mm sound resistant (acoustic) plasterboard - (Optional second layer of plasterboard for fire insulation purposes) <p>See page 2 'Installation Instructions Masonry Separating Walls' for further details and materials list</p>
	<p>Option 3: Decoupled Battened Wall Solution 67.5 - 94mm Thickness</p> <p>Application: Ultimate performance, whilst maintaining minimal loss of living space for new or existing masonry walls. Best solution for uneven walls.</p> <p>Construction: New or Existing Masonry Separating Wall</p> <ul style="list-style-type: none"> - Wall with or without existing plaster / plasterboard - 48 x 24mm or 24 x 24mm timber stud battens - Optional: 25mm or 50mm thick x 45kg/M³ mineral wool to suit stud depth - 16mm Resilient Bars - 15mm Karma Acoustic Easypanel Insulation - 12.5mm or 15mm sound resistant (acoustic) plasterboard - (Optional second layer of plasterboard for fire insulation purposes) <p>See page 3 'Installation Instructions Masonry Separating Walls' for further details and materials list</p>