MuteClip® Installation Guides

Wall

Ceiling

MuteClip® Installation Guide Wall

To Stud Wall

Plaster
Acoustic Plasterboard (15mm)
Tecsound
Acoustic SoundPlank (19mm)
Acoustic Sealant
Isolation strip
Acoustic Mineral Wool
MuteClip
MuteClip Channel
Stud Wall
Isolation Strip
Acoustic Sealant

Fixings

MuteClip to Stud Frame	-	5mm x 60mm Wood Screw
1st Plasterboard to Channel	-	32mm Fine Thread Dry Wall Screw
2nd Plasterboard to Channel	-	50mm Fine Thread Dry Wall Screw
MuteClip Channel Overlap	-	20mm Steel Self-Tapping Screw

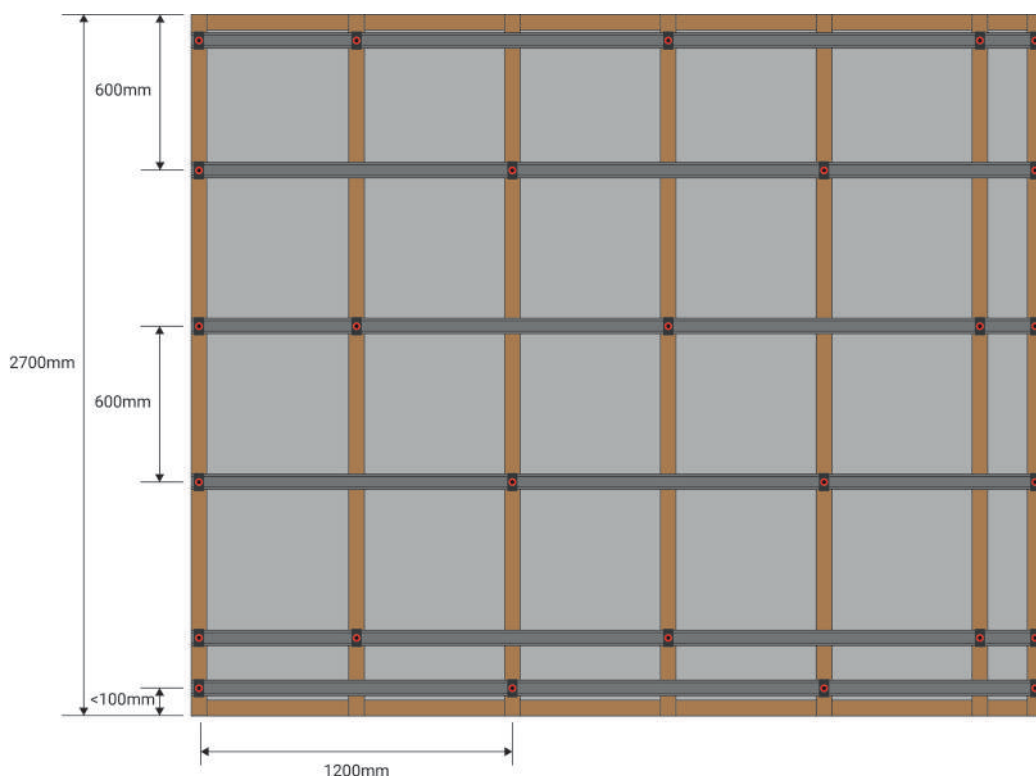*Suitability of fixings to be confirmed by installer.*

Instructions

- Install a Stud wall 5mm off the original wall.

  + 600mm centres for the stud vertical structs with sufficient noggins to strengthen the structure.

- Insert Acoustic Mineral Wool between the stud frame.

  + Acoustic Mineral Wool can be friction-held between the joists/battens, if required use thin wiring to keep it suspended.

- Measure up and mark out the appropriate locations for the MuteClips *(See configurations or contact iKoustic for appropriate dimensions).*

  + The perimeter MuteClips must be no further than 100mm from the adjacent surfaces.

- MuteClips to be spaced a maximum of 600mm apart vertically.

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- + MuteClip centres to vary betwen 600 and 1200m centres creating a Diamond configuration.
- Attach MuteClip Channels into MuteClips, channels should run horizontally.
  - + MuteClip Channels must overlap by 200mm, fix 4 self-tapping screws into the shoulders of the MuteClip Channels to give a secure join.
- MuteClip Channels should not overlap on a MuteClip.
- Fix your first layer of Acoustic Plasterboard to the MuteClip Channels.
  - + Acoustic Plasterboard must not be in direct contact with any adjacent surfaces. There should be a 2-5mm gap around the perimeter of the surface.
- Seal the perimeter and any other gaps with Acoustic Sealant.
- Adhere Tecsound to the Acoustic Plasterboard using Tecsound's self-adhesive backing.
  - + It may be easier to cut Tecsound into manageable sized pieces for ease of installation.
- Fix your second layer of Acoustic Plasterboard, stagger the joist from the first layer, making sure that the screws go into the MuteClip Channels.
  - + Again, leave a 2-5mm gap around the perimeter of the room.
- Seal the perimeter and any other gaps with Acoustic Sealant.
- Scrim tape all joins and finish with a skim plaster.
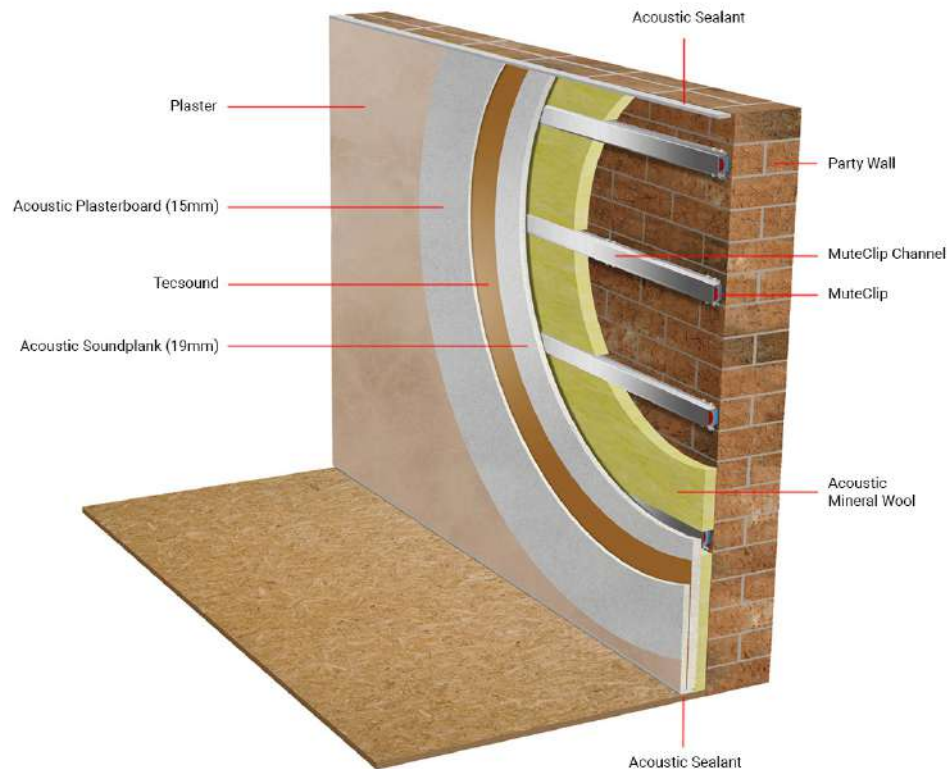
Configurations

Standard Diamond

Please contact iKoustic to confirm correct configurations appropriate for your system.

If you need any assistance, please call us on 01937 588 226.

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MuteClip® Installation Guide Wall

Direct to Wall

Plaster

Acoustic Plasterboard (15mm)

Tecsound

Acoustic Soundplank (19mm)

Acoustic Sealant

Party Wall

MuteClip Channel

MuteClip

Acoustic Mineral Wool

Acoustic Sealant

Fixings

MuteClip Direct to Wall	-	Hammer Fix Plug & Screw
1st Plasterboard to Channel	-	32mm Fine Thread Dry Wall Screw
2nd Plasterboard to Channel	-	50mm Fine Thread Dry Wall Screw
MuteClip Channel Overlap	-	20mm Steel Self-Tapping Screw

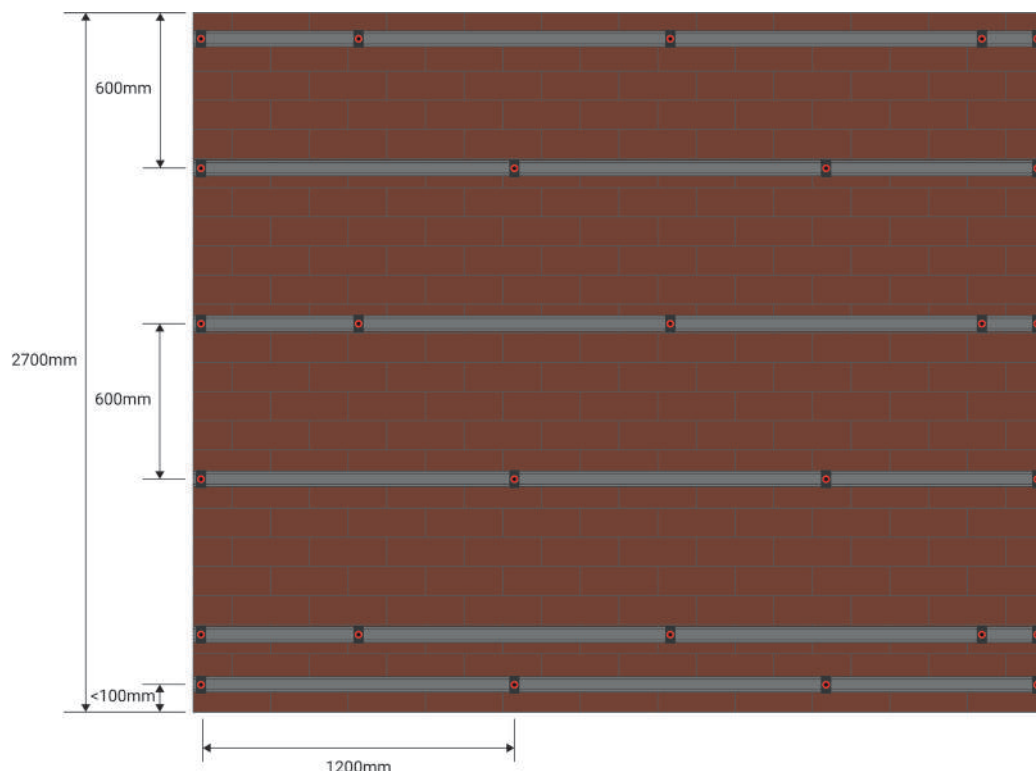*Suitability of fixings to be confirmed by installer.*

Instructions

- Measure up the wall being treated and mark out the locations for the MuteClips *(See configurations or contact iKoustic for appropriate dimensions).*

  + The perimeter MuteClips should be no further than 100mm from the adjacent surfaces.

- Hammer fix screw directly into brickwork to secure the MuteClip.

  + Drill hole in the wall, plug this hole and fix the screw through the Clip into the hole.

- MuteClips to be spaced a maximum of 600mm apart vertically

  + MuteClip centres to vary betwen 600 and 1200m centres creating a Diamond configuration *(See configurations or contact iKoustic for appropriate dimensions).*

- Attach MuteClip Channels into MuteClips, channels must run horizontally.

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- + MuteClip Channels must overlap by 200mm, fix 4 self-tapping screws into the shoulders of the MuteClip Channels to give a secure join.
- MuteClip Channels should not overlap on a MuteClip.
- Insert Acoustic Mineral Wool between/behind the MuteClip Channels.
- Fix your first layer of Acoustic Plasterboard to the MuteClip Channels.
  - + Acoustic Plasterboard must not be in direct contact with any adjacent surfaces. There must be a 2-5mm gap around the perimeter of the room.
- Seal the perimeter and any other gaps with Acoustic Sealant.
- Adhere Tecsound to the Acoustic Plasterboard using Tecsound's self-adhesive backing.
- It may be easier to cut Tecsound into manageable sized pieces for ease of installation.
- Fix your second layer of Acoustic Plasterboard and stagger the joins from the first layer, making sure that the screws go into the MuteClip Channels.
  - + Again, leave a 2-5mm gap around the perimeter of the room.
- Seal the perimeter and any other gaps with Acoustic Sealant.
- Scrim tape all joins and finish with a skim plaster.
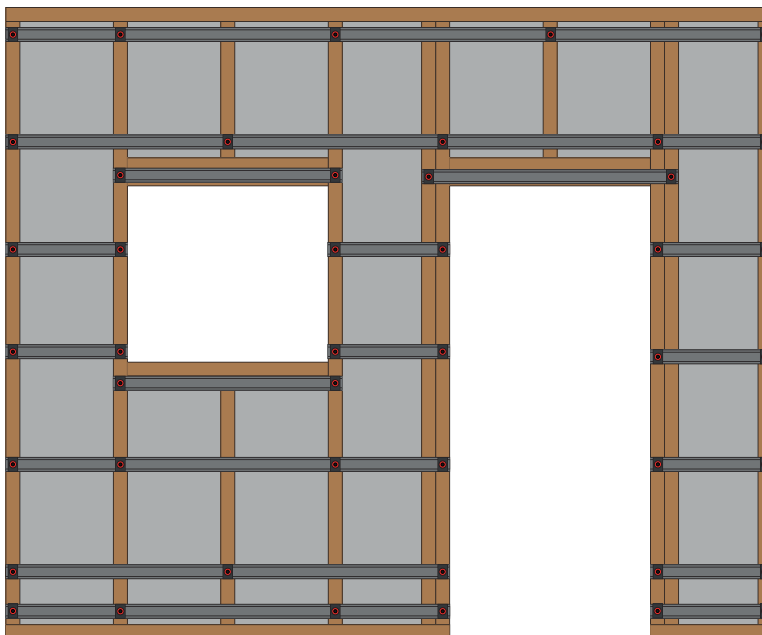
Configurations

Standard Diamond

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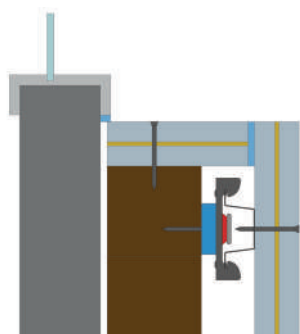
MuteClip® Installation Guide Wall

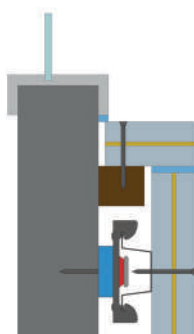## Windows, Doors, Openings and Pitched Ceilings

Windows and Doors

When installing a MuteClip system around a Door or Window, a piece of channel should be installed above each door and window to ensure the plasterboard is supported along the edge.
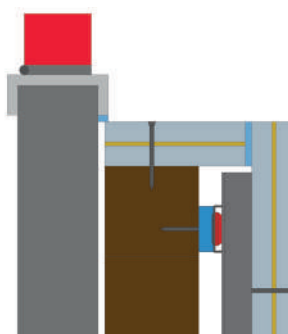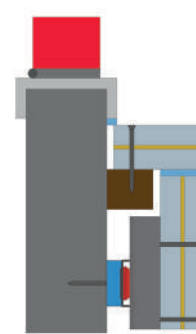
Perimeter Details

MuteClip® Stud System
Window - Side View

MuteClip® Direct to Wall System
Window - Side View

MuteClip® Stud System
Door - Top View

MuteClip® Direct to Wall System
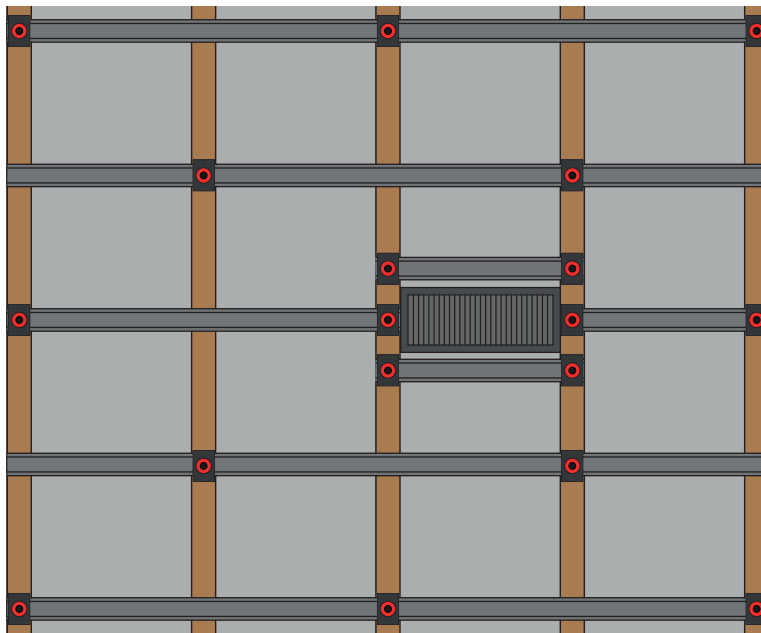Door - Top View

Please contact iKoustic to confirm correct configurations appropriate for your system.

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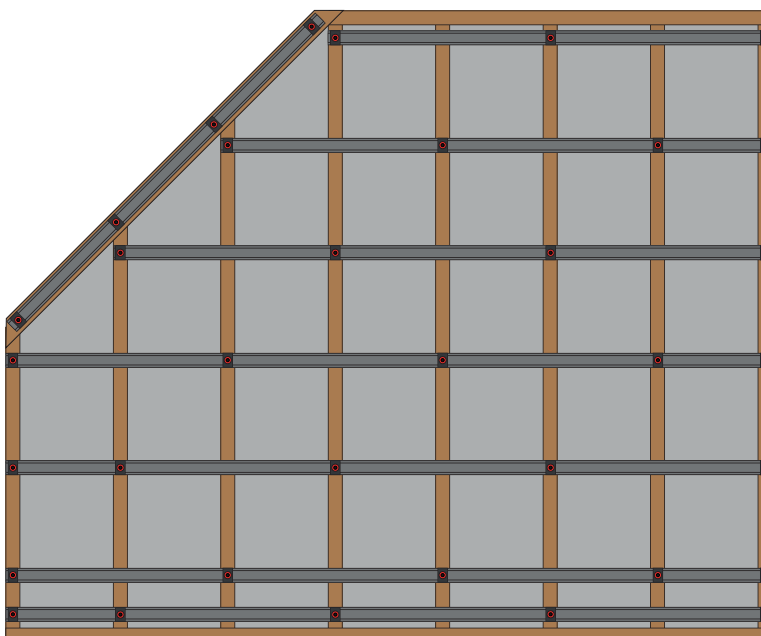
MuteClip® Installation Guide Wall

Windows, Doors, Openings and Pitched Ceilings

Vents and Openings

MuteClip Channel must not be installed over any opening or vent in your wall or ceiling system. To overcome this, install a MuteClip and MuteClip Channel section above the opening or vent. This will help support the weight of the system.

Pitched Ceilings

When installing a MuteClip system on a pitched roof use one section of channel supported by clips along the slanted side to ensure the plasterboard is supported along the edge.
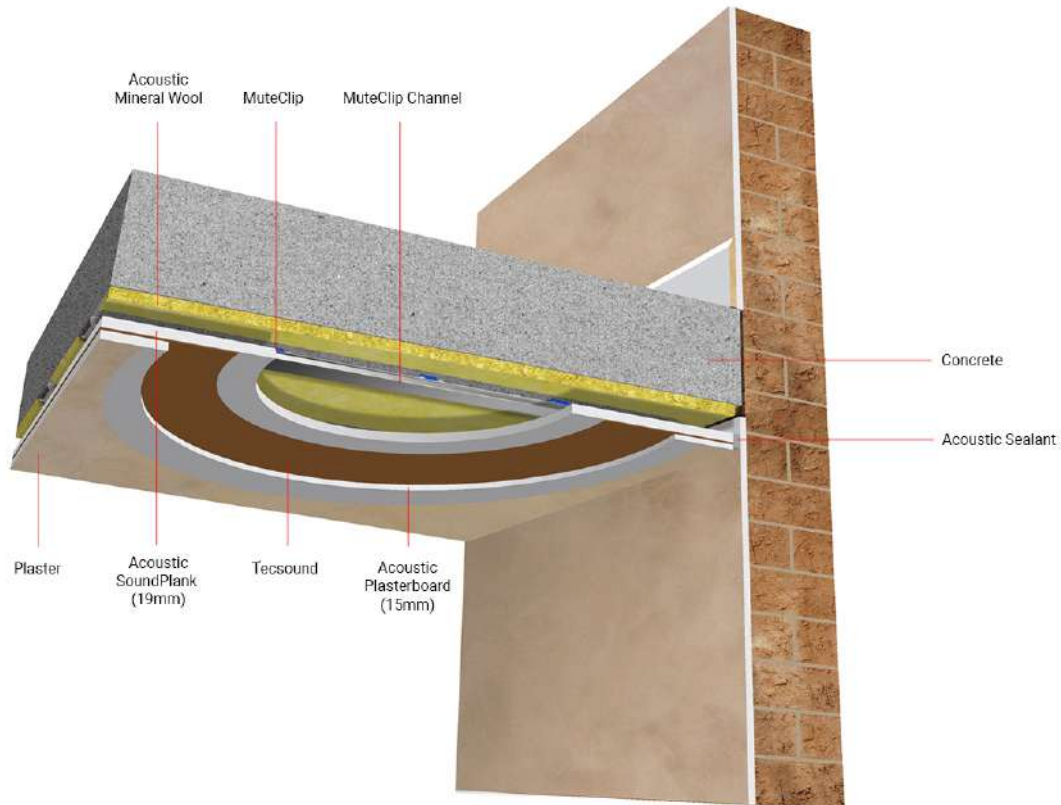
Please contact iKoustic to confirm correct configurations appropriate for your system.

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MuteClip® Installation Guide Ceiling

Direct to Concrete Ceiling

Fixings

MuteClip to Concrete Substrate	-	Anchor Bolt
1st Plasterboard to Channel	-	32mm Fine Thread Dry Wall Screw
2nd Plasterboard to Channel	-	50mm Fine Thread Dry Wall Screw
MuteClip Channel Overlap	-	20mm Steel Self-Tapping Screw

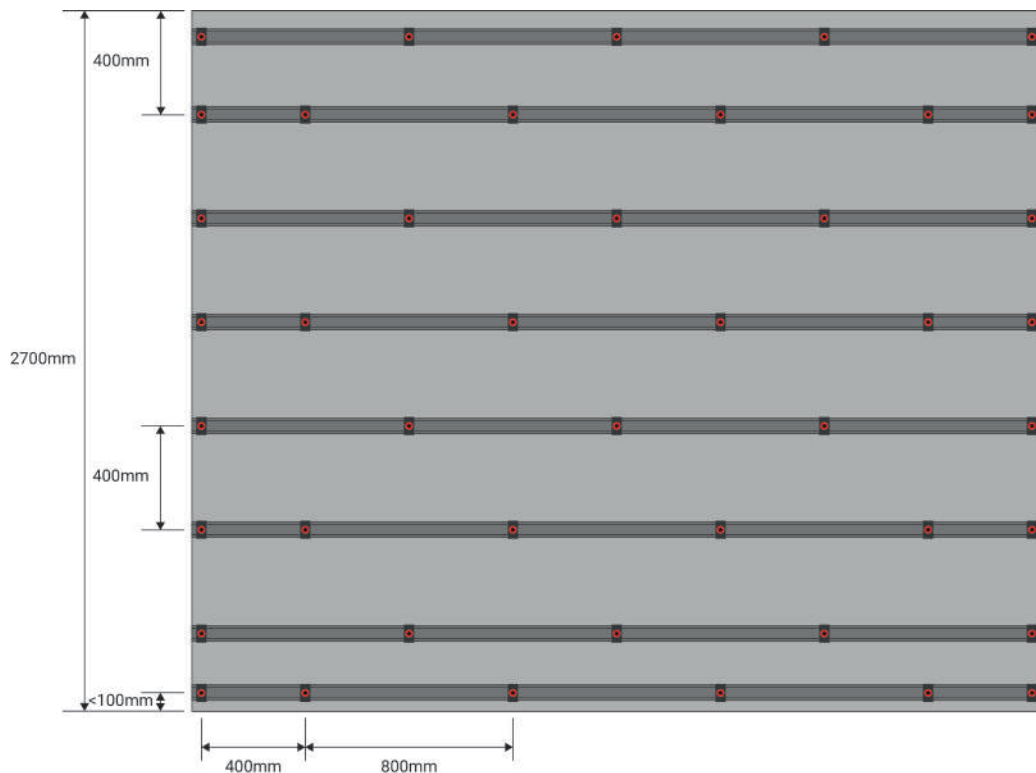*Suitability of fixings to be confirmed by installer.*

Instructions

- Measure up the ceiling you will be treating and mark out the locations for the clips *(See configurations or contact iKoustic for appropriate dimensions)*.

    + The perimeter MuteClips should be no further than 100mm from the adjacent walls.

- Securely anchor bolt the MuteClips directly into the concrete ceiling at the appropriate centres *(See configurations or contact iKoustic for appropriate dimensions)*.
- Attach MuteClip Channels into MuteClips.

    + MuteClip Channels should overlap by 200mm, fix 4 self-tapping screws into the shoulders of the channels to give a secure join.

- MuteClip Channels should not overlap on a MuteClip.
- Insert Acoustic Mineral Wool behind the MuteClip Channels.

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- Fix your first layer of Acoustic Plasterboard to the MuteClip Channels.

  + Acoustic Plasterboard must not be in direct contact with any adjacent surfaces. There must be a 2-5mm gap around the perimeter of the room.

- Seal the perimeter and any other gaps with Acoustic Sealant.
- Adhere Tecsound to the Acoustic Plasterboard using Tecsound's self-adhesive backing.

  + It may be easier to cut Tecsound into manageable sized pieces for ease of installation.

- Fix your second layer of Acoustic Plasterboard and stagger the joins from the first layer, making sure that the screws go into the MuteClip Channels.

  + Again, leave a 2-5mm gap around the perimeter of the room.

- Seal the perimeter and any other gaps with Acoustic Sealant.
- Scrim tape all joins and finish with a skim plaster.
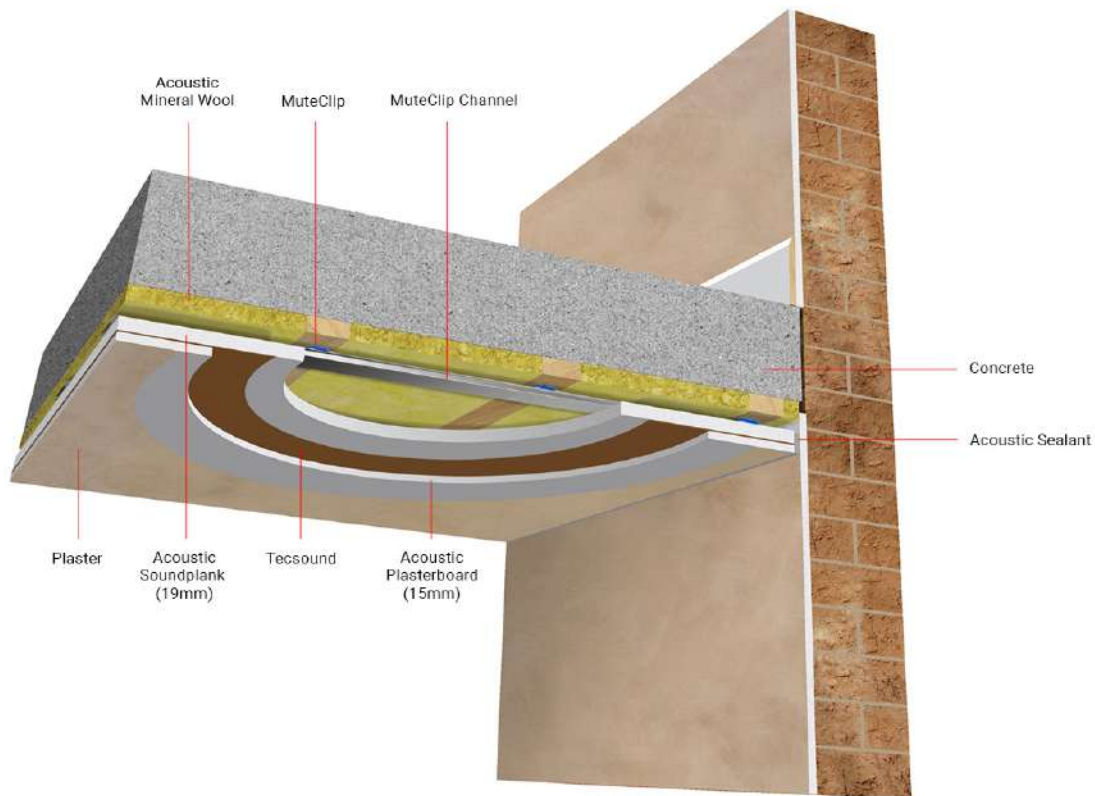
Configurations

Standard Diamond

Please contact iKoustic to confirm correct configurations appropriate for your system.

If you need any assistance, please call us on 01937 588 226.

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MuteClip® Installation Guide Ceiling

Direct to Battened Concrete Ceiling

Labels in diagram: Acoustic Mineral Wool, MuteClip, MuteClip Channel, Concrete, Acoustic Sealant, Plaster, Acoustic Soundplank (19mm), Tecsound, Acoustic Plasterboard (15mm)

Fixings

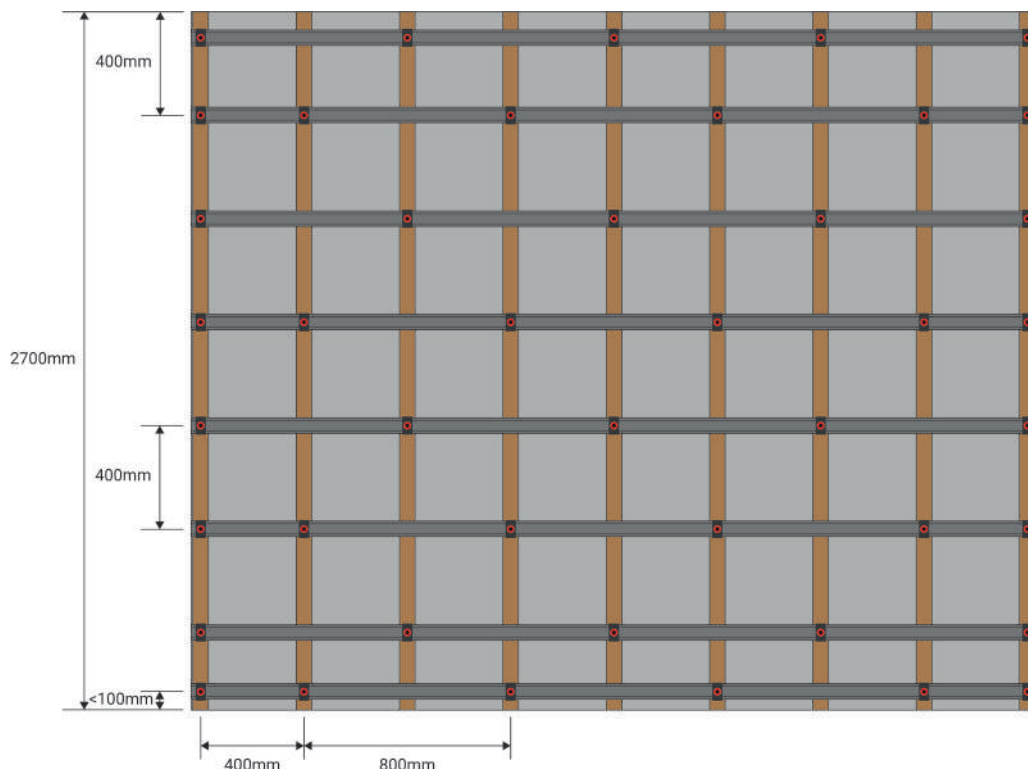|		
Battens to Concrete	-	Anchor Bolt
MuteClip to Battens	-	5mm x 60mm Coarse Thread Wood Screw
1st Plasterboard to Channel	-	32mm Fine Thread Dry Wall Screw
2nd Plasterboard to Channel	-	50mm Fine Thread Dry Wall Screw
MuteClip Channel Overlap	-	20mm Steel Self-Tapping Screw

Suitability of fixings to be confirmed by installer.

Instructions

- Measure up the ceiling you will be treating and mark out the locations for the battens *(See configurations or contact iKoustic for appropriate dimensions)*.
- Apply MuteStrip or Isolation Strip to the side of the timber that will be in direct contact with the ceiling.
- Ensuring the timber frame is at appropriate centres, securely anchor bolt the timber frame to the ceiling.
- Mark out the locations for the MuteClips *(See configurations or contact iKoustic for appropriate dimensions)*.
  + The perimeter MuteClips must be no further than 100mm from the adjacent walls.
- Screw MuteClips into the appropriate joists.
- Attach MuteClip Channels into MuteClips, channels must run perpendicular to the joists/battens.
  + MuteClip Channels must overlap by 200mm, fix 4 self-tapping screws into the shoulders of the MuteClip Channels to give a secure join.

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- - MuteClip Channels must not overlap on a MuteClip.
- Insert acoustic Mineral Wool between the joists/battens.
  - + Acoustic Mineral Wool can be friction-held between the joists/battens, if required use thin wiring to keep it suspended.
- Fix your first layer of Acoustic Plasterboard to the MuteClip Channels.
  - + Acoustic Plasterboard must not be in direct contact with any adjacent surfaces. There must be a 2-5mm gap around the perimeter of the room.
- Seal the perimeter and any other gaps with Acoustic Sealant.
- Adhere Tecsound to the Acoustic Plasterboard using Tecsound's self-adhesive backing.
  - + It may be easier to cut Tecsound into manageable sized pieces for ease of installation.
- Fix your second layer of Acoustic Plasterboard and stagger the joins from the first layer, making sure that the screws go into the MuteClip Channels.
  - + Again, leave a 2-5mm gap around the perimeter of the room.
- Seal the perimeter and any other gaps with Acoustic Sealant.
- Scrim tape all joins and finish with a skim plaster.

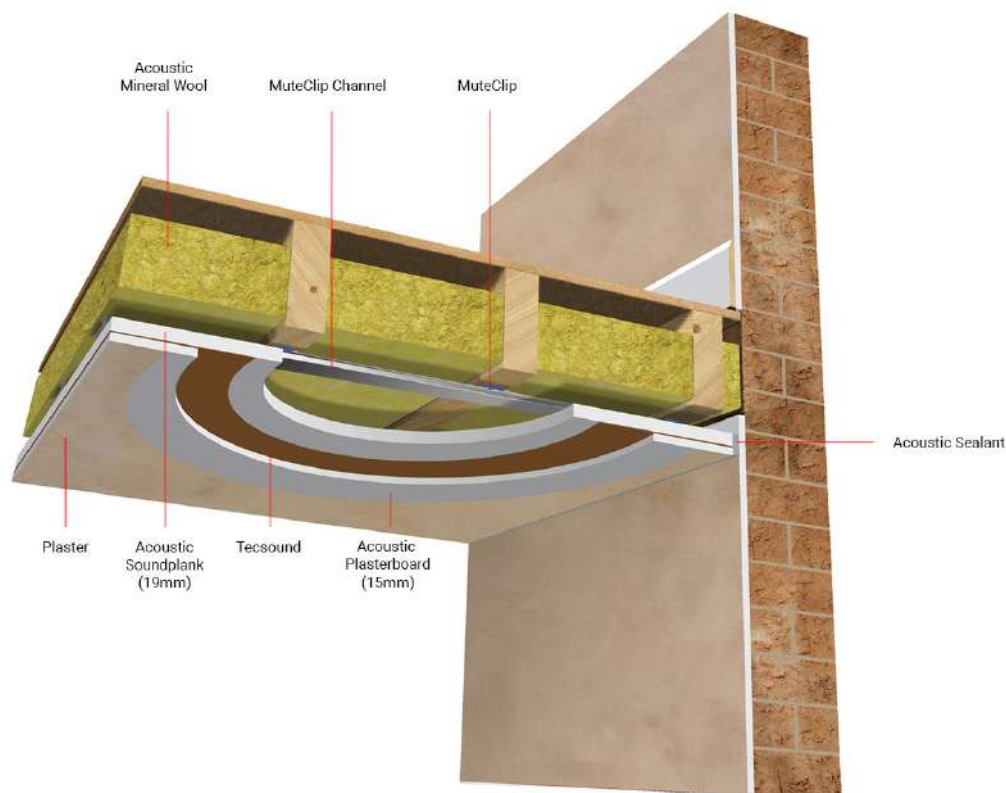# Configurations

Standard Diamond

Please contact iKoustic to confirm correct configurations appropriate for your system.

If you need any assistance, please call us on 01937 588 226.

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MuteClip® Installation Guide Ceiling

To Wooden Joist Ceiling

Fixings

MuteClip to Wooden Joist	-	5mm x 60mm Wood Screw
1st Plasterboard to Channel	-	32mm Fine Thread Dry Wall Screw
2nd Plasterboard to Channel	-	50mm Fine Thread Dry Wall Screw
MuteClip Channel Overlap	-	20mm Steel Self-Tapping Screw

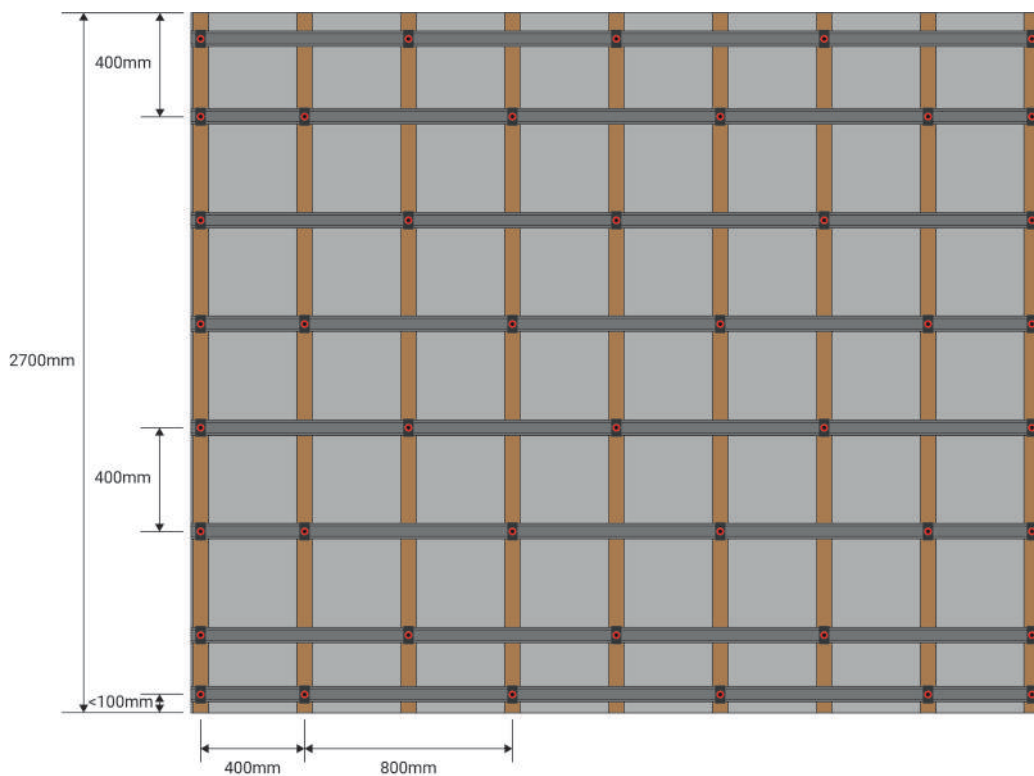*Suitability of fixings to be confirmed by installer.*

Instructions

- Insert Acoustic Mineral Wool between the joists.

  + Acoustic Mineral Wool can be friction-held between the joists/battens, if required use thin wiring to keep it suspended.

- Mark out the locations for the MuteClips *(See configurations or contact iKoustic for appropriate dimensions).*

  + The perimeter MuteClips must be no further than 100mm from the adjacent walls.

- Screw Clips into all the appropriate joists.
- Attach MuteClip Channels into MuteClips, channels must run perpendicular to the joists.

  + MuteClip Channels must overlap by 200mm, fix 4 self-tapping screws into the shoulders of the MuteClip Channels to give a secure join.

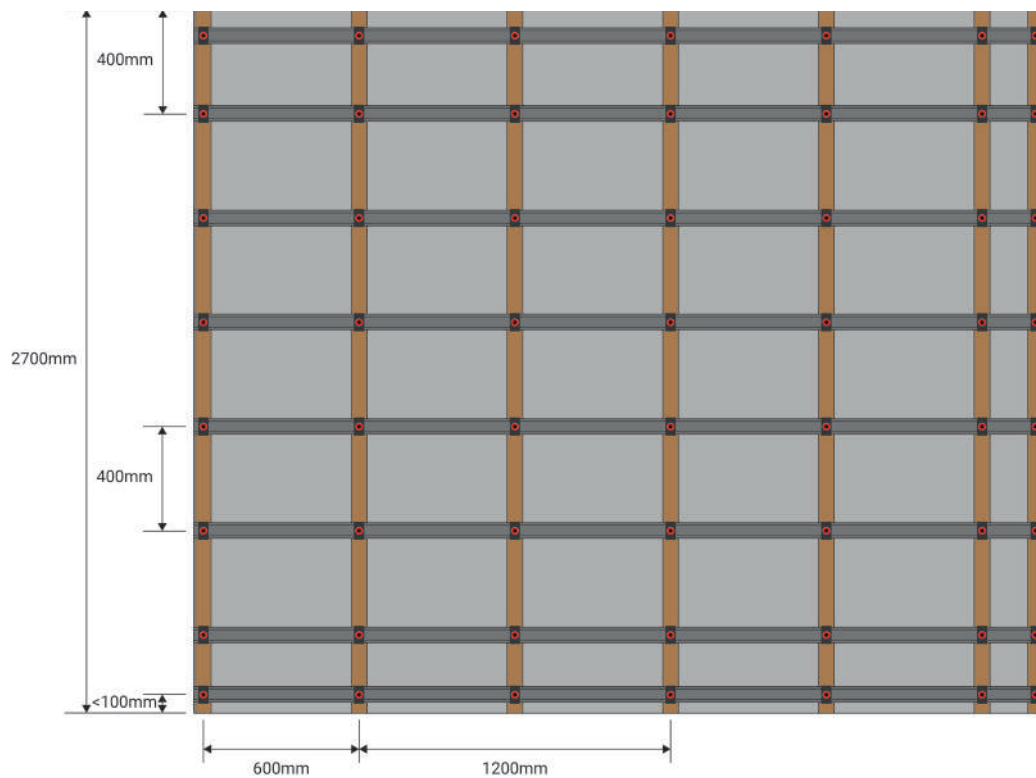iKoustic
Creating Quieter Spaces Together

- + MuteClip Channels must not overlap on a MuteClip.
- Fix your first layer of Acoustic Plasterboard to the MuteClip Channels.
    - + Acoustic Plasterboard must not be in direct contact with any adjacent surfaces. There must be a 2-5mm gap around the perimeter of the room.
- Seal the perimeter and any other gaps with Acoustic Sealant.
- Adhere Tecsound to the Acoustic Plasterboard using Tecsound's self-adhesive backing.
    - + It may be easier to cut Tecsound into manageable sized pieces for ease of installation.
- Fix your second layer of Acoustic Plasterboard and stagger the joins from the first layer, making sure that the screws go into the MuteClip Channels.
    - + Again, leave a 2-5mm gap around the perimeter of the room.
- Seal the perimeter and any other gaps with Acoustic Sealant.
- Scrim tape all joins and finish with a skim plaster.

Configurations

Standard Diamond

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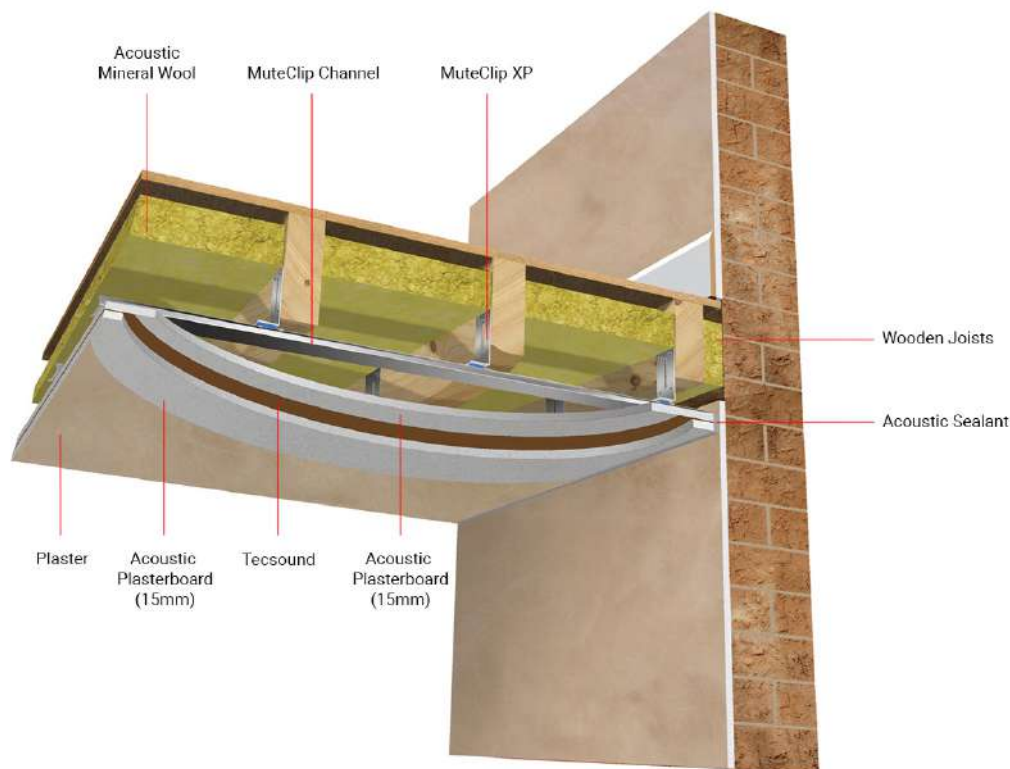Creating Quieter Spaces Together

4/6 Square

Please contact iKoustic to confirm correct configurations appropriate for your system.

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MuteClip® XP Installation Guide Ceiling

To Wooden Joist Ceiling

Acoustic Mineral Wool — MuteClip Channel — MuteClip XP — Wooden Joists — Acoustic Sealant — Plaster — Acoustic Plasterboard (15mm) — Tecsound — Acoustic Plasterboard (15mm)
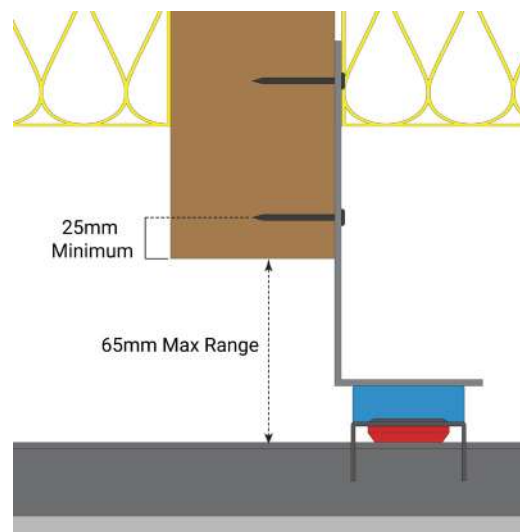

Fixings

MuteClip XP to Wooden Joist	-	5mm x 50mm Wood Screw
1st Plasterboard to Channel	-	32mm Fine Thread Dry Wall Screw
2nd Plasterboard to Channel	-	50mm Fine Thread Dry Wall Screw
MuteClip Channel Overlap	-	20mm Steel Self-Tapping Screw

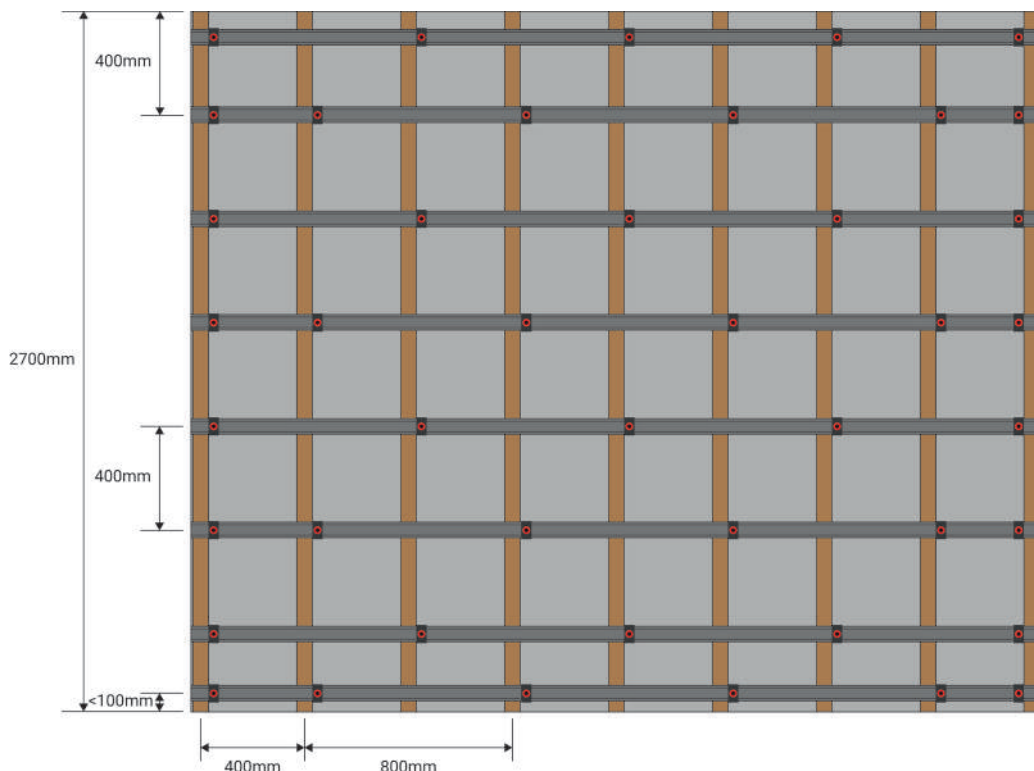*Suitability of fixings to be confirmed by installer.*

Instructions

- Insert Mineral Wool between the joists

  + Acoustic Mineral Wool can be friction-held between the joists/ battens, if required use thin wiring to keep it suspended.

- Mark out the locations for the MuteClip XP's (See configurations or contact iKoustic for appropriate dimensions).

  + The perimeter MuteClip XP's must be no further than 100mm from the adjacent walls.

- Screw MuteClip XP's into all the appropriate joists.

  + MuteClip XP's central track fixing should be no closer than 25mm from the bottom of the joist.

25mm Minimum

65mm Max Range

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- If using MuteClip XP to level uneven joists, take some time to measure the placement of the MuteClip XP's and Channels.
    + A laser level should be used when calculating the placement of MuteClip XP.
- Attach MuteClip Channels into MuteClip XP's, channels must run perpendicular to the joists.
    + MuteClip Channels must overlap by 200mm, fix 4 self-tapping screws into the shoulders of the MuteClip Channels to give a secure join.
    + MuteClip Channels must not overlap on a MuteClip XP.
- Fix your first layer of Acoustic Plasterboard to the MuteClip Channels.
    + Acoustic Plasterboard must not be in direct contact with any adjacent surfaces. There must be a 2-5mm gap around the perimeter of the room.
- Seal the perimeter and any other gaps with Acoustic Sealant.
- Adhere Tecsound to the Acoustic Plasterboard using Tecsound's self-adhesive backing.
    + It may be easier to cut Tecsound into manageable sized pieces for ease of installation.
- Fix your second layer of Acoustic Plasterboard and stagger the joins from the first layer, making sure that the screws go into the MuteClip Channels.
    + Again, leave a 2-5mm gap around the perimeter of the room.
- Seal the perimeter and any other gaps with Acoustic Sealant.
- Scrim tape all joins and finish with a skim plaster.
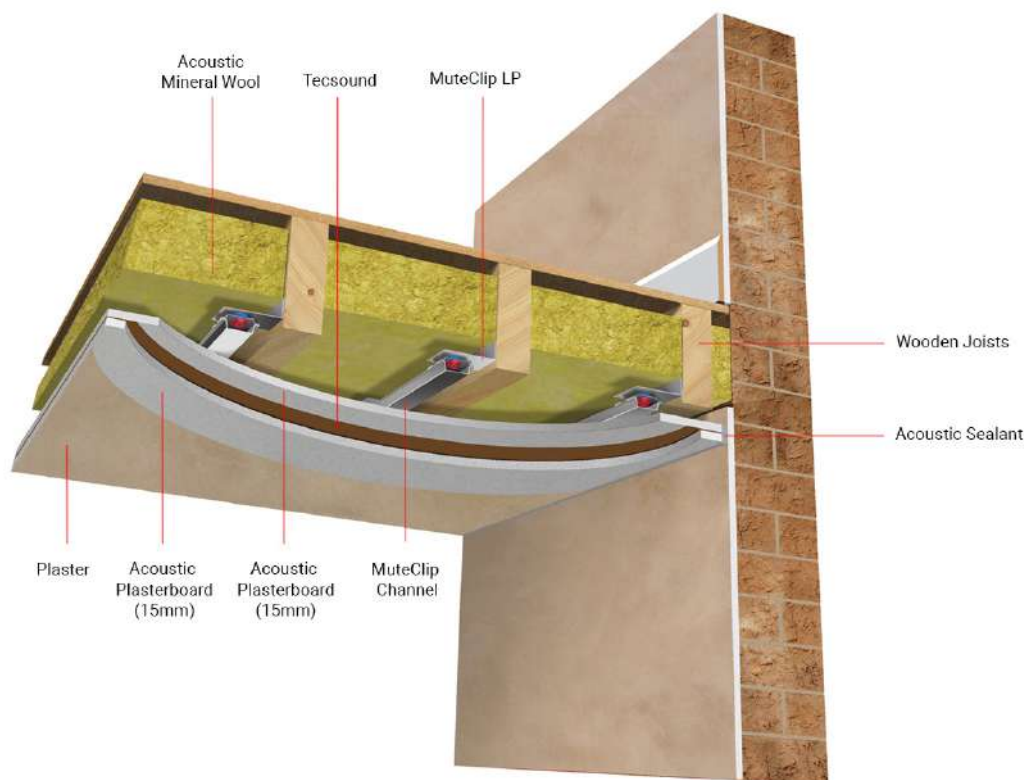
Configurations

Standard Diamond XP

Please contact iKoustic to confirm correct configurations appropriate for your system.

If you need any assistance, please call us on 01937 588 226.

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MuteClip® LP Installation Guide Ceiling

To Wooden Joist Ceiling

Labels: Acoustic Mineral Wool, Tecsound, MuteClip LP, Wooden Joists, Acoustic Sealant, Plaster, Acoustic Plasterboard (15mm), Acoustic Plasterboard (15mm), MuteClip Channel

Fixings

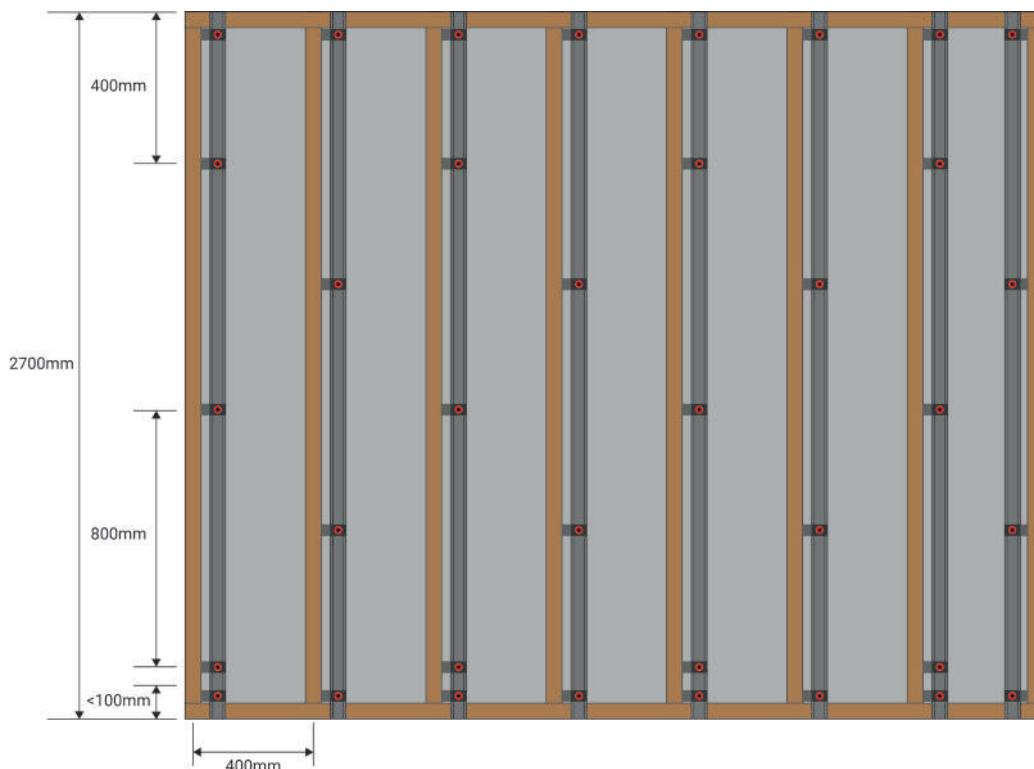|		
MuteClip LP to Wooden Joist	-	5mm x 50mm Wood Screw
1st Plasterboard to Channel	-	32mm Fine Thread Dry Wall Screw
2nd Plasterboard to Channel	-	50mm Fine Thread Dry Wall Screw
MuteClip Channel Overlap	-	20mm Steel Self-Tapping Screw

Suitability of fixings to be confirmed by installer.

Instructions

- Insert Acoustic Mineral Wool between the joists.

  + Acoustic Mineral Wool can be friction-held between the joists/battens, if required use thin wiring to keep it suspended.

- Mark out the locations on the side of the joists for the MuteClip LP's (See configurations or contact iKoustic for appropriate dimensions).

  + MuteClip LP's attach to the side of the joists.

  + The perimeter MuteClip LP's must be no further than 100mm from the adjacent walls.

- Screw MuteClip LP's into the side of all the appropriate joists.

  + MuteClip LP's should be no closer than 25mm from the bottom of the joist.

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- Take a lot of time to measure when fixing the first MuteClip LP's and MuteClip Channel, as you only want a few mm of the MuteClip Channel sitting proud of the bottom of the joists.
- Attach MuteClip Channels into MuteClip LP's, channels must run parallel to the joists.
    + MuteClip Channels must overlap by 200mm, fix 4 self-tapping screws into the shoulders of the MuteClip Channels to give a secure join.
    + MuteClip Channels must not overlap on a MuteClip LP.
- You may wish you install one MuteClip Channel with a couple of MuteClip LP's, then use a laser level to mark along the joist for the rest of the MuteClip LP's
- Fix your first layer of Acoustic Plasterboard to the MuteClip Channels.
    + Acoustic Plasterboard must not be in direct contact with any adjacent surfaces. There must be a 2-5mm gap around the perimeter of the room.
- Seal the perimeter and any other gaps with Acoustic Sealant.
- Adhere Tecsound to the Acoustic Plasterboard using Tecsound's self-adhesive backing.
    + It may be easier to cut Tecsound into manageable sized pieces for ease of installation.
- Fix your second layer of Acoustic Plasterboard and stagger the joins from the first layer, making sure that the screws go into the MuteClip Channels.
    + Again, leave a 2-5mm gap around the perimeter of the room.
- Seal the perimeter and any other gaps with Acoustic Sealant.
- Scrim tape all joins and finish with a skim plaster.

Configurations

Standard Diamond LP

Please contact iKoustic to confirm correct configurations appropriate for your system.

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