

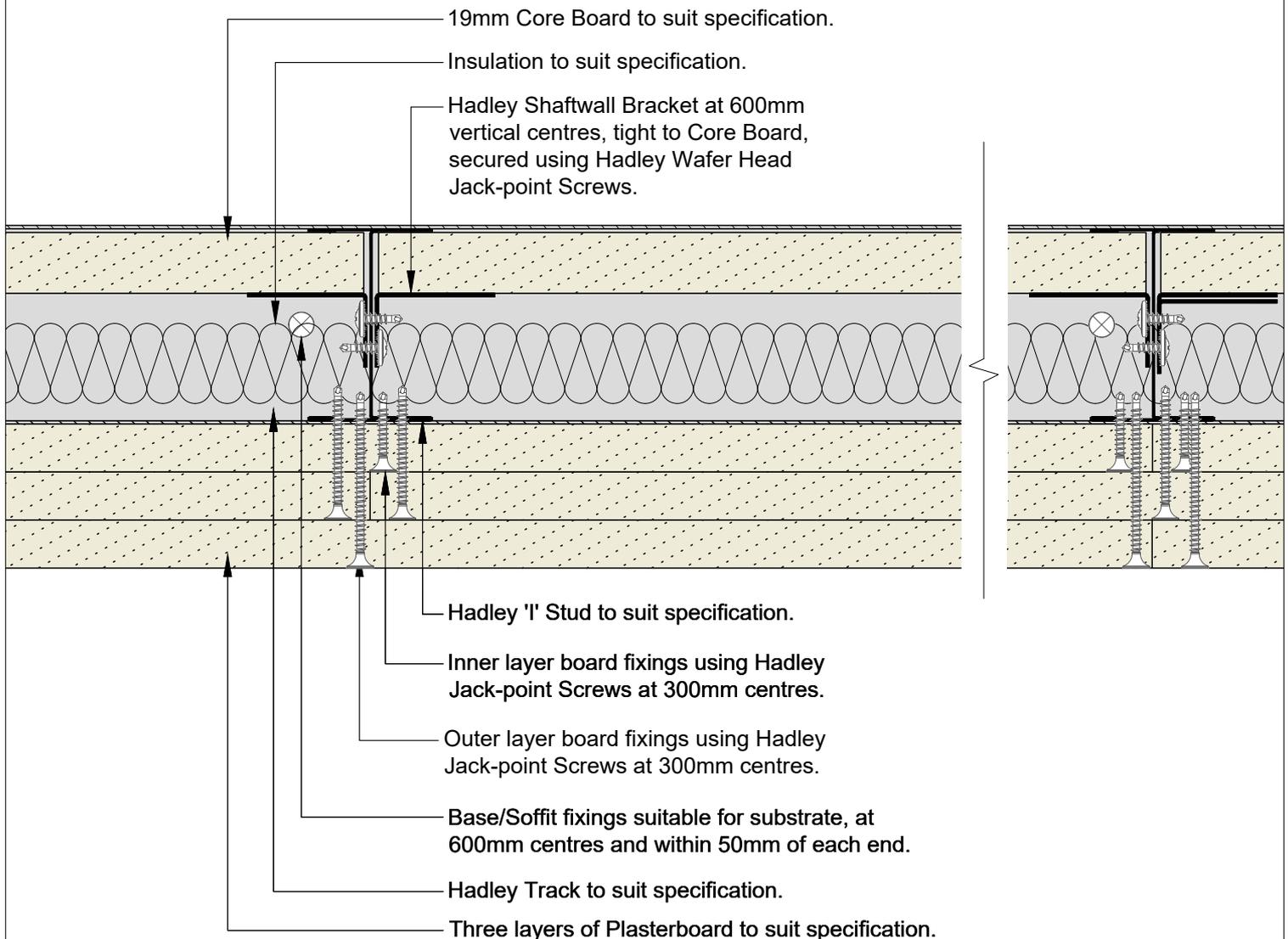
Hadley DRYLINING

Standard Details

Hadley SHAFT – Triple Layer - Drawings



Board Thickness	Fixing Length
≤15mm	25mm
12.5mm + 12.5mm	25mm + 38mm
12.5mm + 15mm	25mm + 38mm
15mm + 15mm	25mm + 42mm



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Rev:	Date:	Reason for Issue:	Drn:	Chk:	App:	

Project:
 Typical System Detail
 See project specification for exact requirements

Title:
Hadley Shaftwall
 Triple Layer Partition
 Plan

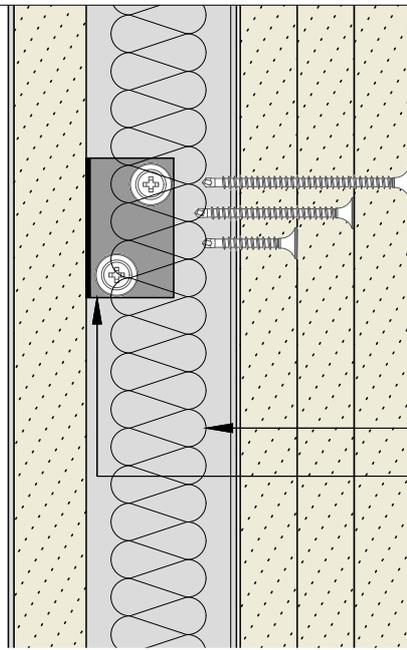


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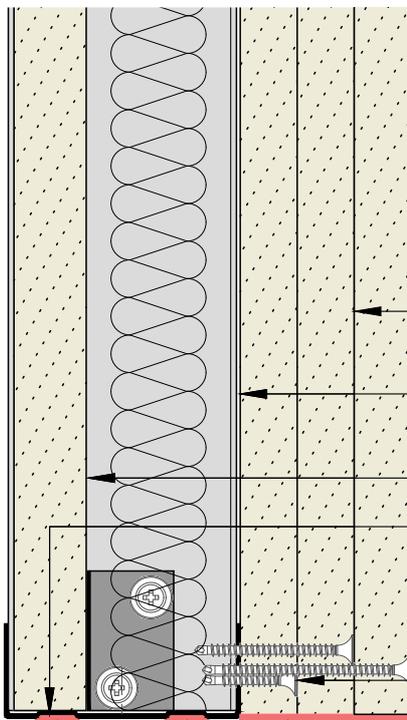
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Board Thickness	Fixing Length
≤15mm	25mm
12.5mm + 12.5mm	25mm + 38mm
12.5mm + 15mm	25mm + 38mm
15mm + 15mm	25mm + 42mm



Insulation to suit specification.

Hadley Shaftwall Bracket at base and 600mm vertical centres, tight to Core Board, secured using Hadley Wafer Head Jack-point Screws.



Three layers of Plasterboard to suit specification.

Hadley 'I' Stud to suit specification.

19mm Core Board to suit specification.

Hadley Track to suit specification.

Inner layer board fixings using Hadley Jack-point Screws at 300mm centres.

Acoustic and Intumescent Sealant to suit specification.

Base fixings suitable for substrate, at 600mm centres and within 50mm of each end.

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Project:

Typical System Detail
See project specification for exact requirements

Title:

Hadley Shaftwall
Triple Layer Partition
Base

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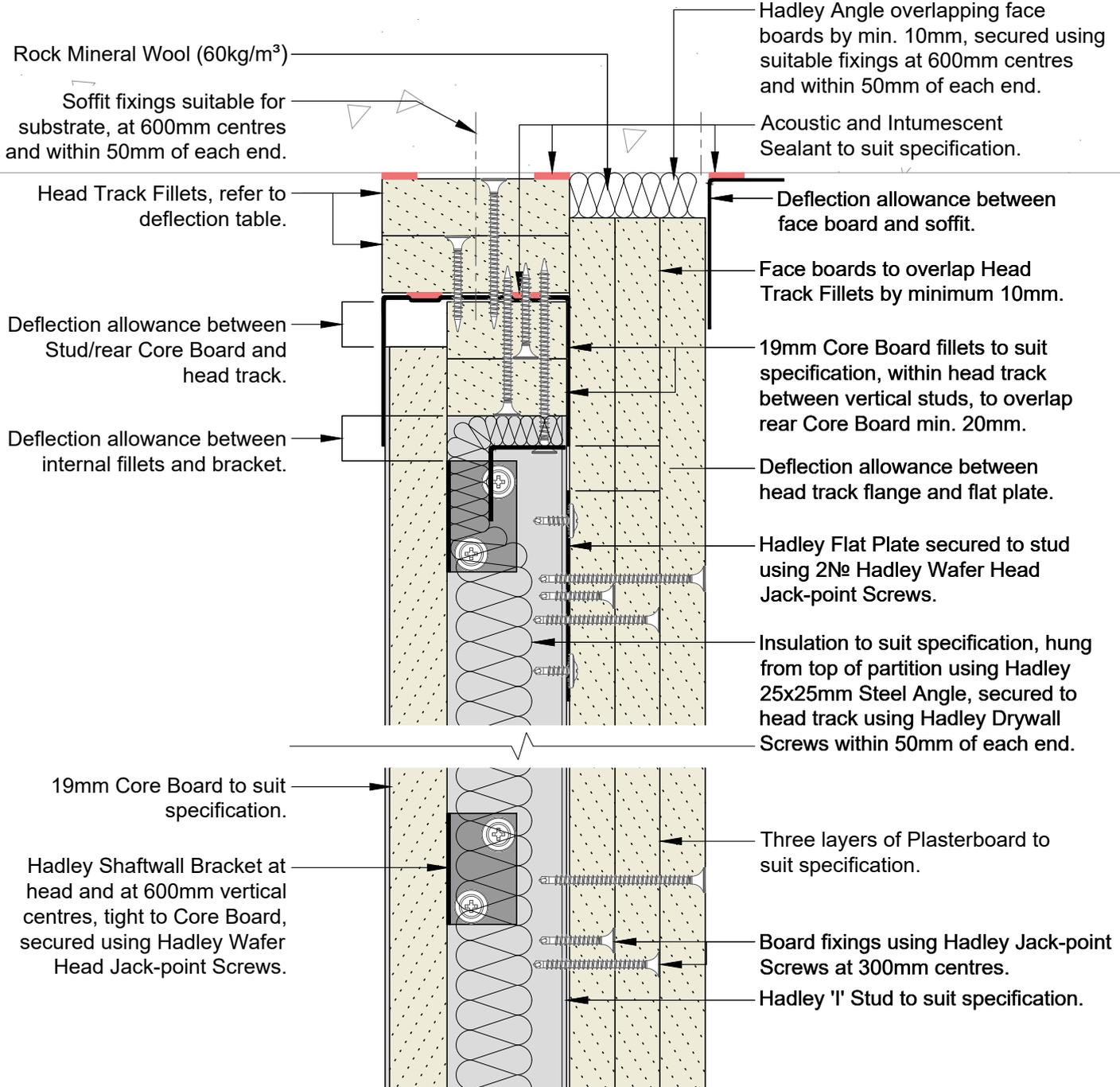


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Min. Deflection to suit structural engineer design	Min. Head Track Fillet(s)	Hadley Track Flange	Min. Hadley Angle
5mm	1x15mm Type F Plasterboard	50mm	19x19mm
9mm	1x19mm Core Board	50mm	19x19mm
15mm	2x12.5mm Type F Plasterboard	50mm	25x25mm
20mm	2x15mm Type F Plasterboard	50mm	25x50mm
28mm	2x19mm Core Board	50mm	25x50mm
35mm	3x15mm Type F Plasterboard	70mm	25x50mm

Board Thickness	Fixing Length
≤15mm	25mm
12.5mm + 12.5mm	25mm + 38mm
12.5mm + 15mm	25mm + 38mm
15mm + 15mm	25mm + 42mm



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Project:
Typical System Detail
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Title:
Hadley Shaftwall
Triple Layer Partition
Deflection Head up to 120mins (EI)

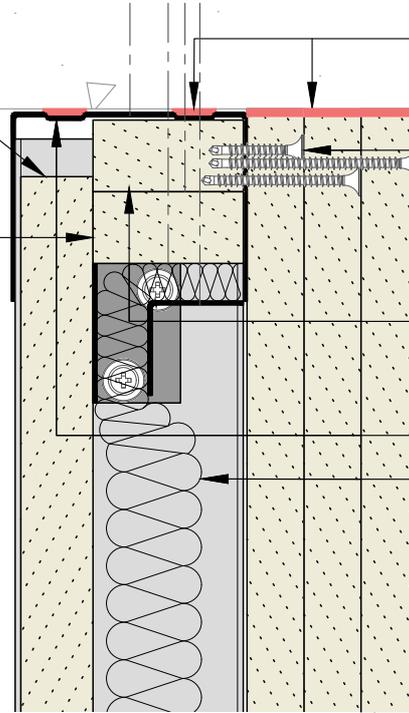
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≤15mm	25mm
12.5mm + 12.5mm	25mm + 38mm
12.5mm + 15mm	25mm + 38mm
15mm + 15mm	25mm + 42mm

Rear Core Board short to allow lifting over the base track.

19mm Core Board fillets to suit specification, within head track between vertical studs, to overlap rear Core Board min. 20mm.



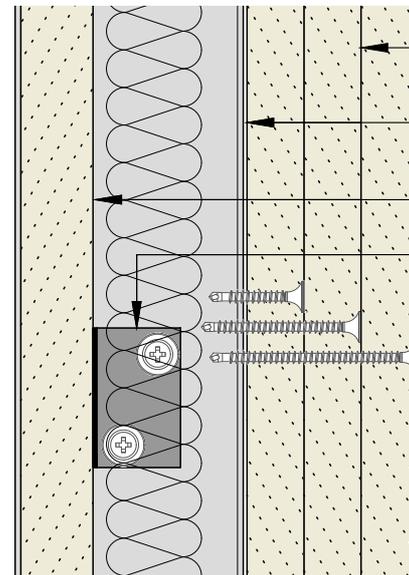
Acoustic and Intumescent Sealant to suit specification.

Inner layer board fixings using Hadley Jack-point Screws at 300mm centres.

Soffit fixings suitable for substrate, at 600mm centres and within 50mm of each end.

Hadley Track to suit specification.

Insulation to suit specification, hung from top of partition using Hadley 25x25mm Steel Angle, secured through to soffit using suitable fixings within 50mm of each end.



Three layers of Plasterboard to suit specification.

Hadley 'I' Stud to suit specification.

19mm Core Board to suit specification.

Hadley Shaftwall Bracket at head and at vertical 600mm centres, tight to Core Board, secured using Hadley Wafer Head Jack-point Screws.

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Project:

Typical System Detail
See project specification for exact requirements

Title:

Hadley Shaftwall
Triple Layer Partition
Fixed Head



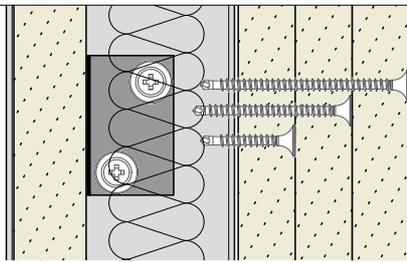
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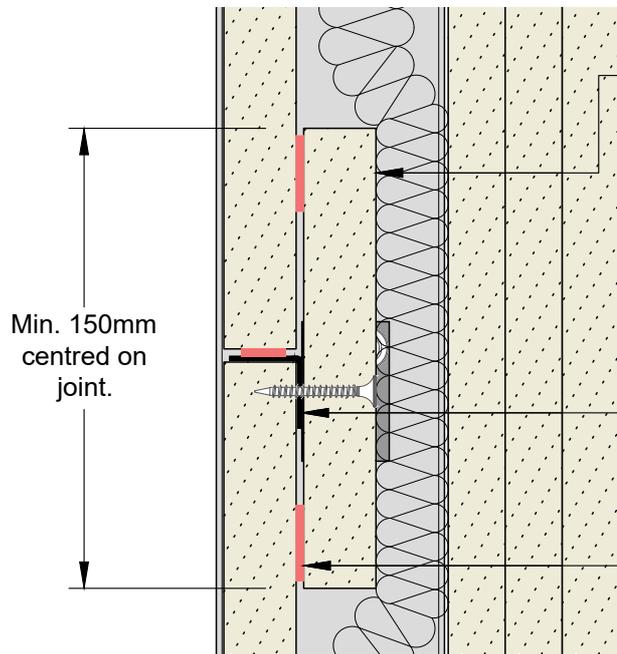
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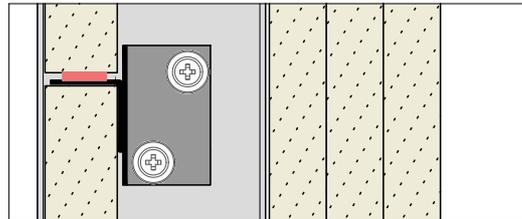
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Board Thickness	Fixing Length
≤15mm	25mm
12.5mm + 12.5mm	25mm + 38mm
12.5mm + 15mm	25mm + 38mm
15mm + 15mm	25mm + 42mm

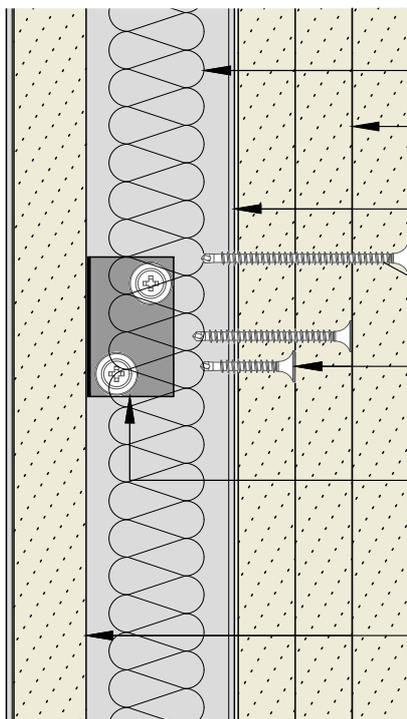


19mm x 150mm Core Board to suit specification, secured to angle using Hadley Drywall Screws at max. 300mm centres.



19x19mm Hadley Steel Angle, retained using additional Hadley Shaftwall Brackets each side.

Acoustic and Intumescent Sealant to suit specification.



Insulation to suit specification.

Three layers of Plasterboard to suit specification.

Hadley 'I' Stud to suit specification.

Outer layer board fixings using Hadley Jack-point Screws at 300mm centres.

Inner layer board fixings using Hadley Jack-point Screws at 300mm centres.

Hadley Shaftwall Bracket at 600mm vertical centres, tight to Core Board, secured using Hadley Wafer Head Jack-point Screws.

19mm Core Board to suit specification.

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Project:

Typical System Detail
See project specification for exact requirements

Title:
Hadley Shaftwall
Triple Layer Partition
Horizontal Coreboard Joints

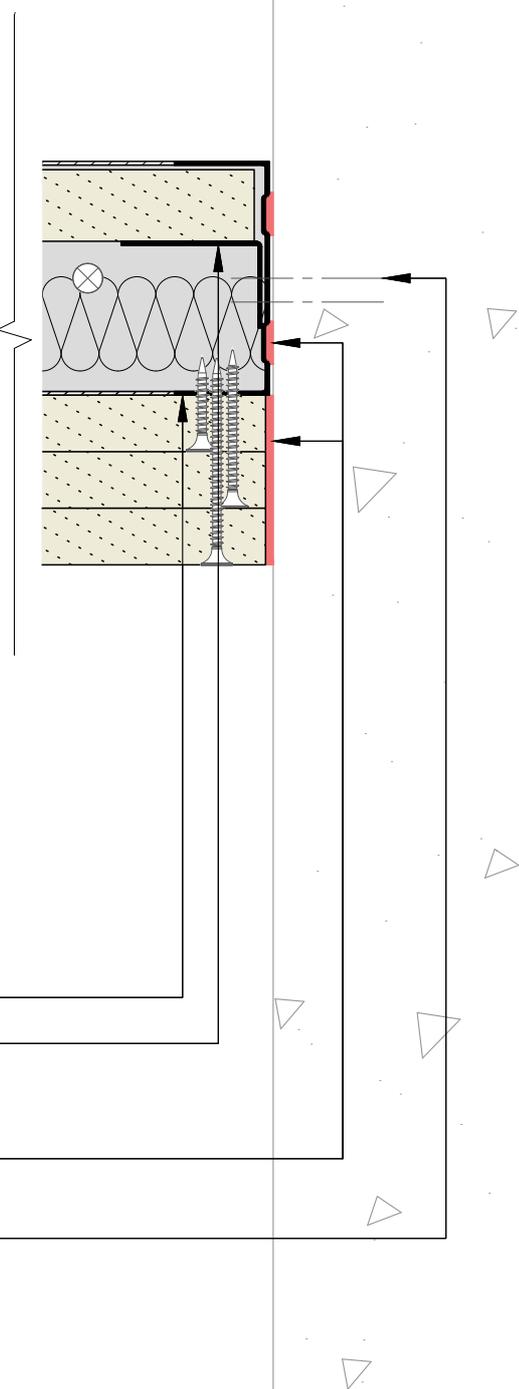
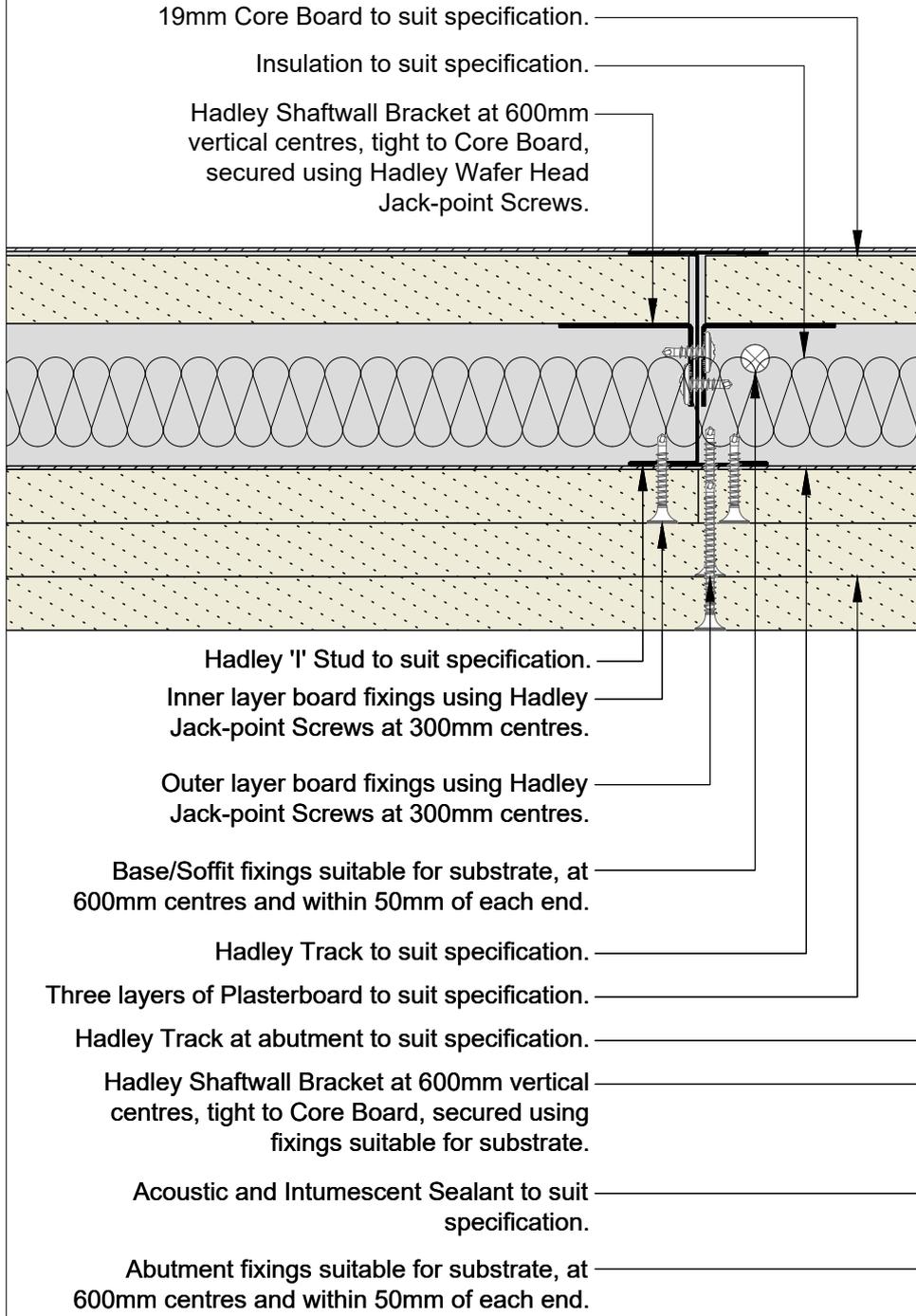


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Board Thickness	Fixing Length
≤15mm	25mm
12.5mm + 12.5mm	25mm + 38mm
12.5mm + 15mm	25mm + 38mm
15mm + 15mm	25mm + 42mm



19mm Core Board to suit specification.

Insulation to suit specification.

Hadley Shaftwall Bracket at 600mm vertical centres, tight to Core Board, secured using Hadley Wafer Head Jack-point Screws.

Hadley 'I' Stud to suit specification.

Inner layer board fixings using Hadley Jack-point Screws at 300mm centres.

Outer layer board fixings using Hadley Jack-point Screws at 300mm centres.

Base/Soffit fixings suitable for substrate, at 600mm centres and within 50mm of each end.

Hadley Track to suit specification.

Three layers of Plasterboard to suit specification.

Hadley Track at abutment to suit specification.

Hadley Shaftwall Bracket at 600mm vertical centres, tight to Core Board, secured using fixings suitable for substrate.

Acoustic and Intumescent Sealant to suit specification.

Abutment fixings suitable for substrate, at 600mm centres and within 50mm of each end.

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Project: Typical System Detail
See project specification for exact requirements



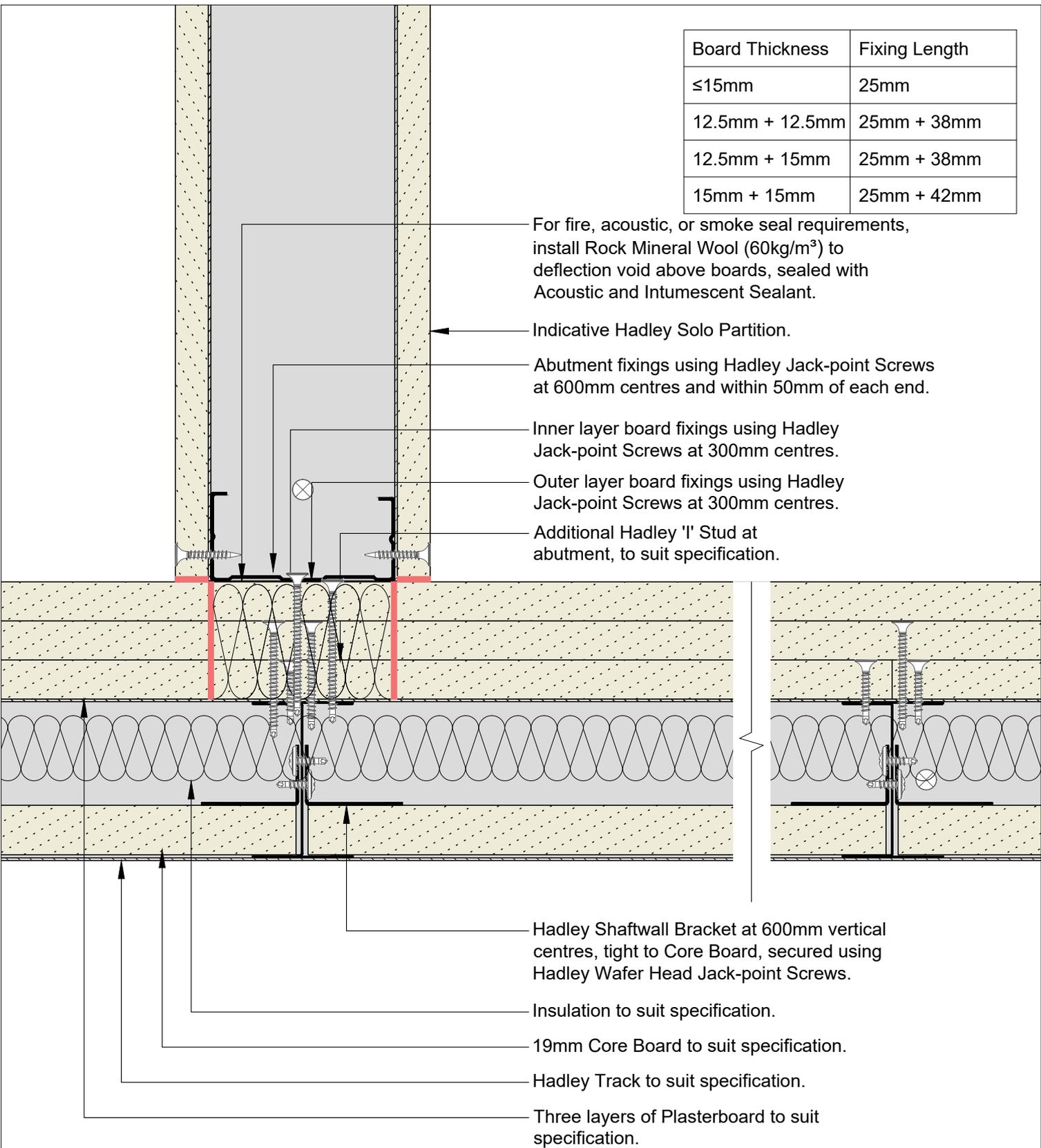
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Title: **Hadley Shaftwall**
Triple Layer Partition
Abutment to Concrete/Blockwork

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Board Thickness	Fixing Length
≤15mm	25mm
12.5mm + 12.5mm	25mm + 38mm
12.5mm + 15mm	25mm + 38mm
15mm + 15mm	25mm + 42mm



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Project:
 Typical System Detail
 See project specification for exact requirements

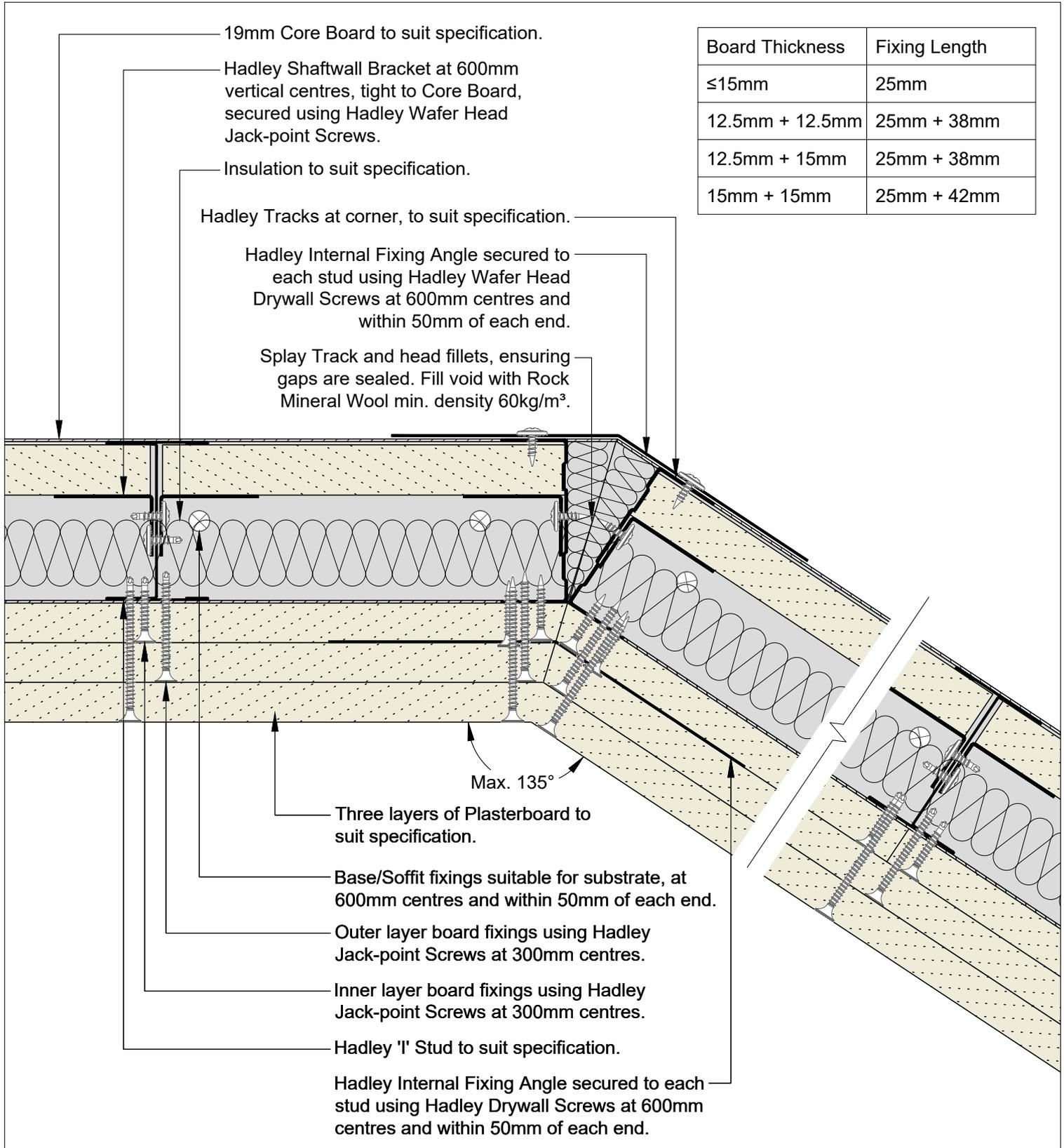
Title:
Hadley Shaftwall
 Triple Layer Partition
 Abutment to Drylining Partition

Scale:	Date:	Drawn:	Checked:	Dwg No:	Revision:
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Rev:	Date:	Reason for Issue:	Drn:	Chk:	App:	

Project:
 Typical System Detail
 See project specification for exact requirements

Title:
Hadley Shaftwall
 Triple Layer Partition
 Splayed Corner Internal



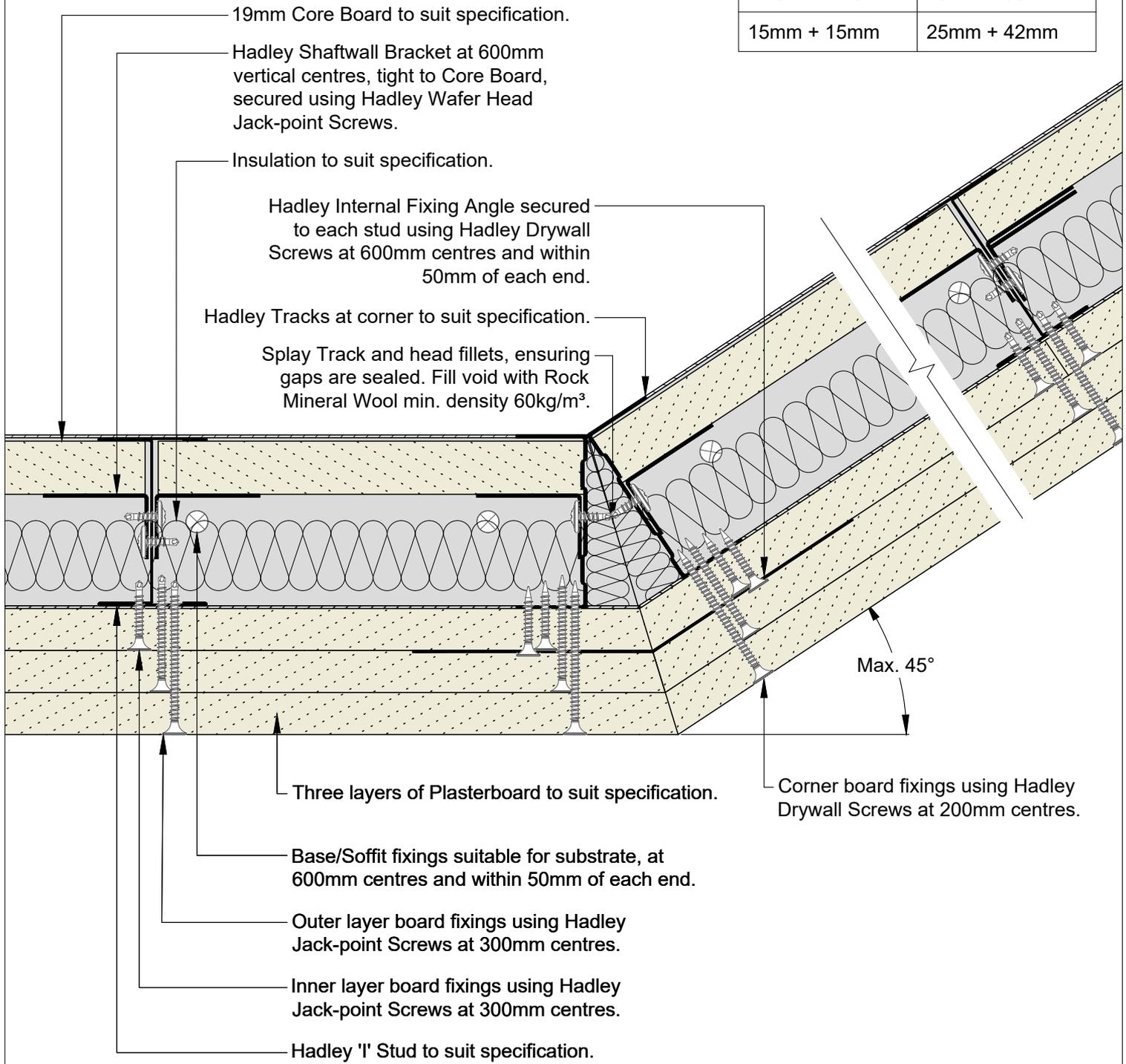
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Board Thickness	Fixing Length
≤15mm	25mm
12.5mm + 12.5mm	25mm + 38mm
12.5mm + 15mm	25mm + 38mm
15mm + 15mm	25mm + 42mm



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Project:
Typical System Detail
 See project specification for exact requirements

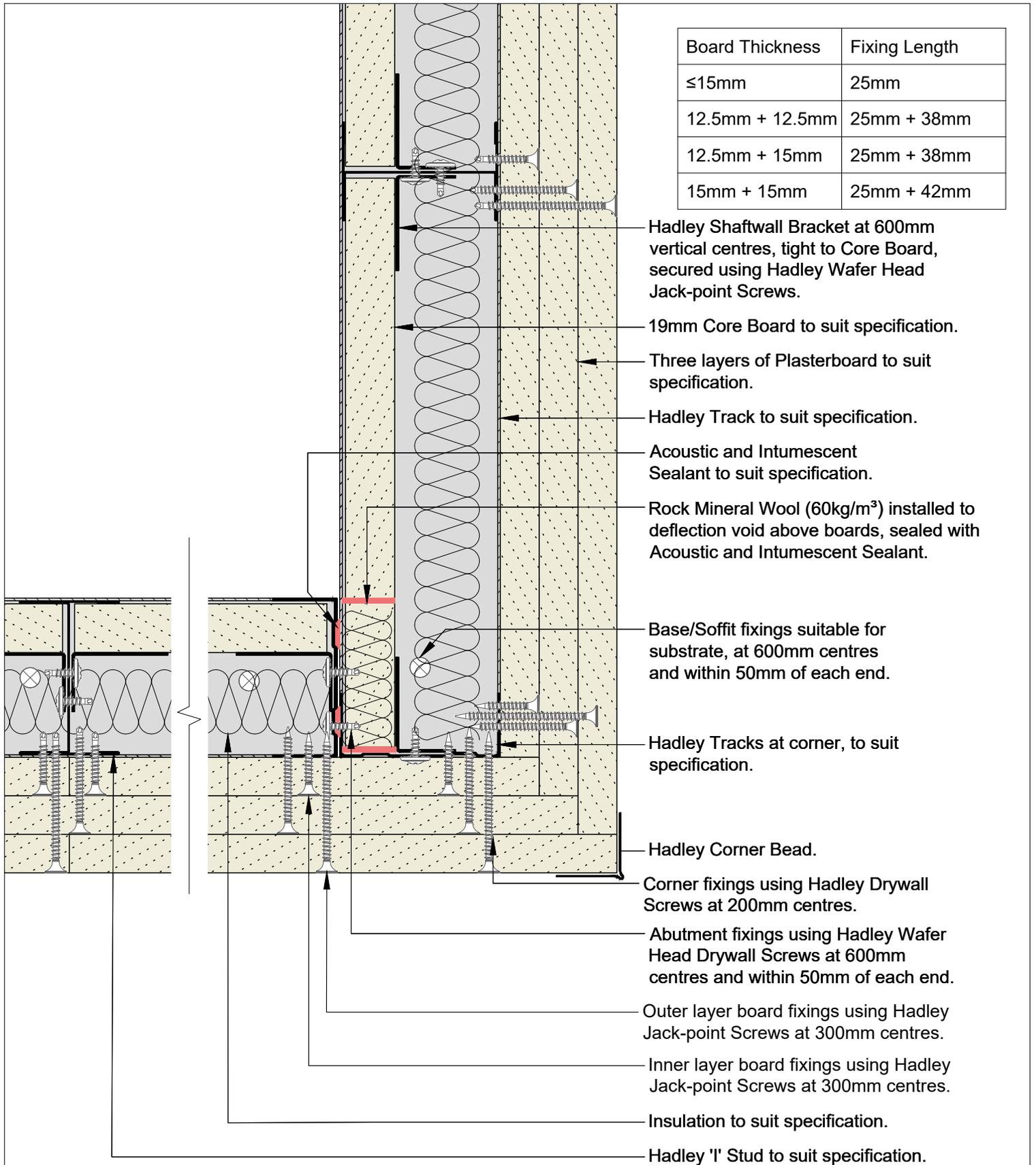
Title:
Hadley Shaftwall
 Triple Layer Partition
 Splayed Corner External



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Project: Typical System Detail
See project specification for exact requirements

Title: **Hadley Shaftwall**
Triple Layer Partition
90° Corner External

Scale:	Date:	Drawn:	Checked:	Dwg No:	Revision:
1:2 @ A4	Apr 24	FM	JS	DRY-HAD-XX-ZZ-DT-X-0912	00



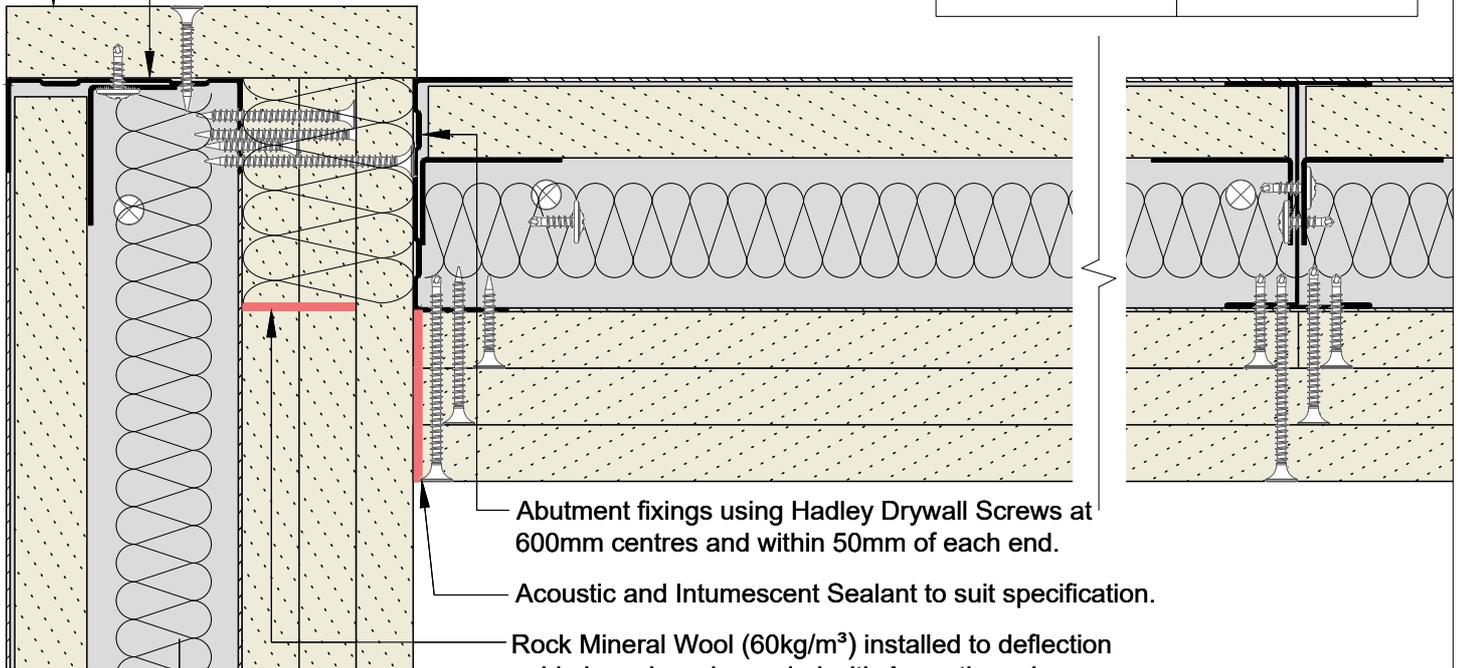
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19mm Core Board to suit specification, prefixed to track using Hadley Drywall Screws at 300mm centres and within 50mm of each end. Full height, allowing for deflection from the soffit.

Hadley Tracks at corner, to suit specification.

Board Thickness	Fixing Length
≤15mm	25mm
12.5mm + 12.5mm	25mm + 38mm
12.5mm + 15mm	25mm + 38mm
15mm + 15mm	25mm + 42mm



Abutment fixings using Hadley Drywall Screws at 600mm centres and within 50mm of each end.

Acoustic and Intumescent Sealant to suit specification.

Rock Mineral Wool (60kg/m³) installed to deflection void above boards, sealed with Acoustic and Intumescent Sealant.

Base/Soffit fixings suitable for substrate, at 600mm centres and within 50mm of each end.

Hadley Shaftwall Bracket at 600mm vertical centres, tight to Core Board, secured using Hadley Wafer Head Jack-point Screws.

Hadley 'I' Stud to suit specification.

Inner layer board fixings using Hadley Jack-point Screws at 300mm centres.

Outer layer board fixings using Hadley Jack-point Screws at 300mm centres.

Insulation to suit specification.

Three layers of Plasterboard to suit specification.

Hadley Track to suit specification.

19mm Core Board to suit specification.

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Rev:	Date:	Reason for Issue:	Drn:	Chk:	App:	

Project:
 Typical System Detail
 See project specification for exact requirements

Title:
Hadley Shaftwall
 Triple Layer Partition
 90° Corner Internal



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Stud and track depths and gauge to suit specification.
Fixing type to suit metalwork gauge.

Core Board fillet to suit specification, to web of stud.

Vertical track full height above lintel, allowing for deflection. Fixed using Hadley Wafer Head Screws at 600mm centres and within 50mm of each end.

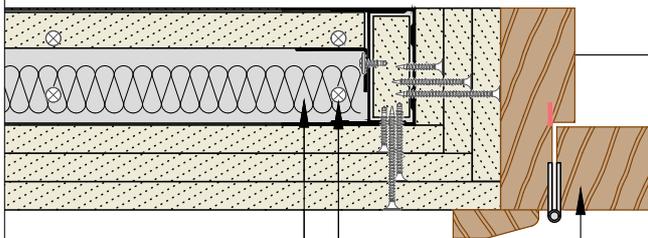
Horizontal Hadley min. 50mm Flange Track forming lintel, fixed to vertical Hadley Track using 2no Hadley Wafer Head Screws per side.

Hadley 50mm min. Flange Track cloaking stud full height, allowing for deflection.

Core Board fillet to suit specification, between vertical studs..

Hadley Standard Track cut and bent to extend vertically 300mm, fixed through both flanges using 3No Hadley Wafer Head Drywall Screws each side.

Plan View



Apply plasterboard as per face board specification to the reveals.

Indicative door frame and architraves by others.

Base track fixed with pairs of suitable fixings 150mm apart.

Timber fillets, omitted for clarity, within door jamb to suit door manufacturers application requirements and tested solution.

300mm

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Project:
Typical System Detail
See project specification for exact requirements

Title:
Hadley Shaftwall
Triple Layer Partition
Access Door



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