

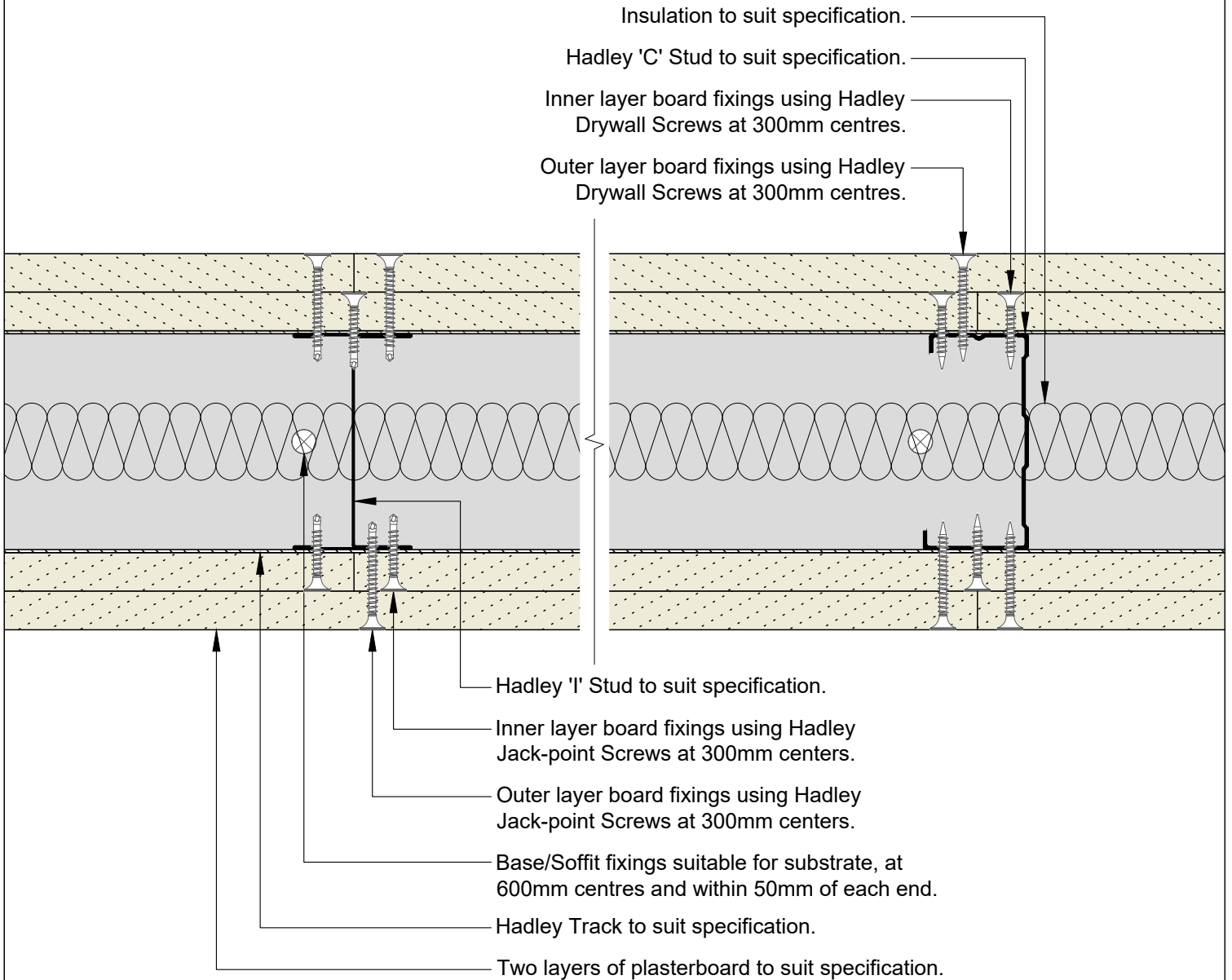
# Hadley DRYLINING

## Standard Details

Hadley SOLO – Double Layer - Drawings



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



00	JUL21	First Issue	FM	JS	JS	System details to be read in conjunction with Hadley Group project specification pack. All applications to be built in accordance with British Standards, Building Regulations and Hadley Group tested solutions.
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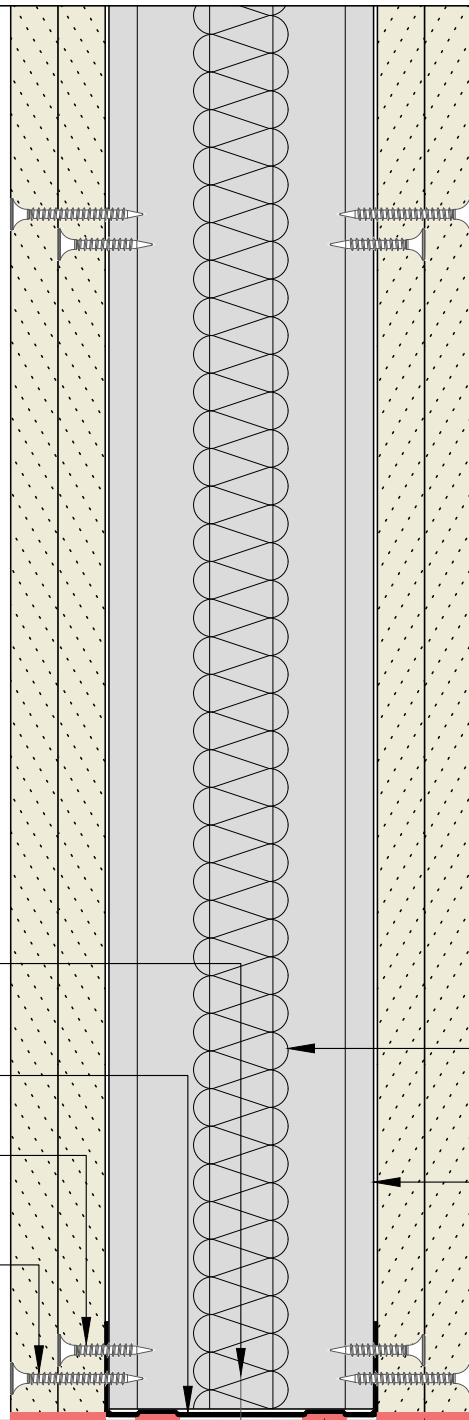
Project:  
Typical System Detail  
See project specification for exact requirements

Title:  
**Hadley Solo**  
Partition - Double Layer  
Plan

Scale: 1:2 @ A4	Date: Jul 21	Drawn: FM	Checked: JS	Dwg No: <b>DRY-HAD-XX-ZZ-DT-X-0201</b>	Revision: <b>00</b>
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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



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

Hadley Track to suit specification.

Inner layer board fixings using Hadley Drywall Screws at 300mm centres.

Outer layer board fixings using Hadley Drywall Screws at 300mm centres.

Insulation to suit specification.

Two layers of plasterboard to suit specification.

Hadley 'C' or 'I' Stud to suit specification.

Acoustic and intumescent sealant 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 Solo**  
Partition - Double Layer  
Base



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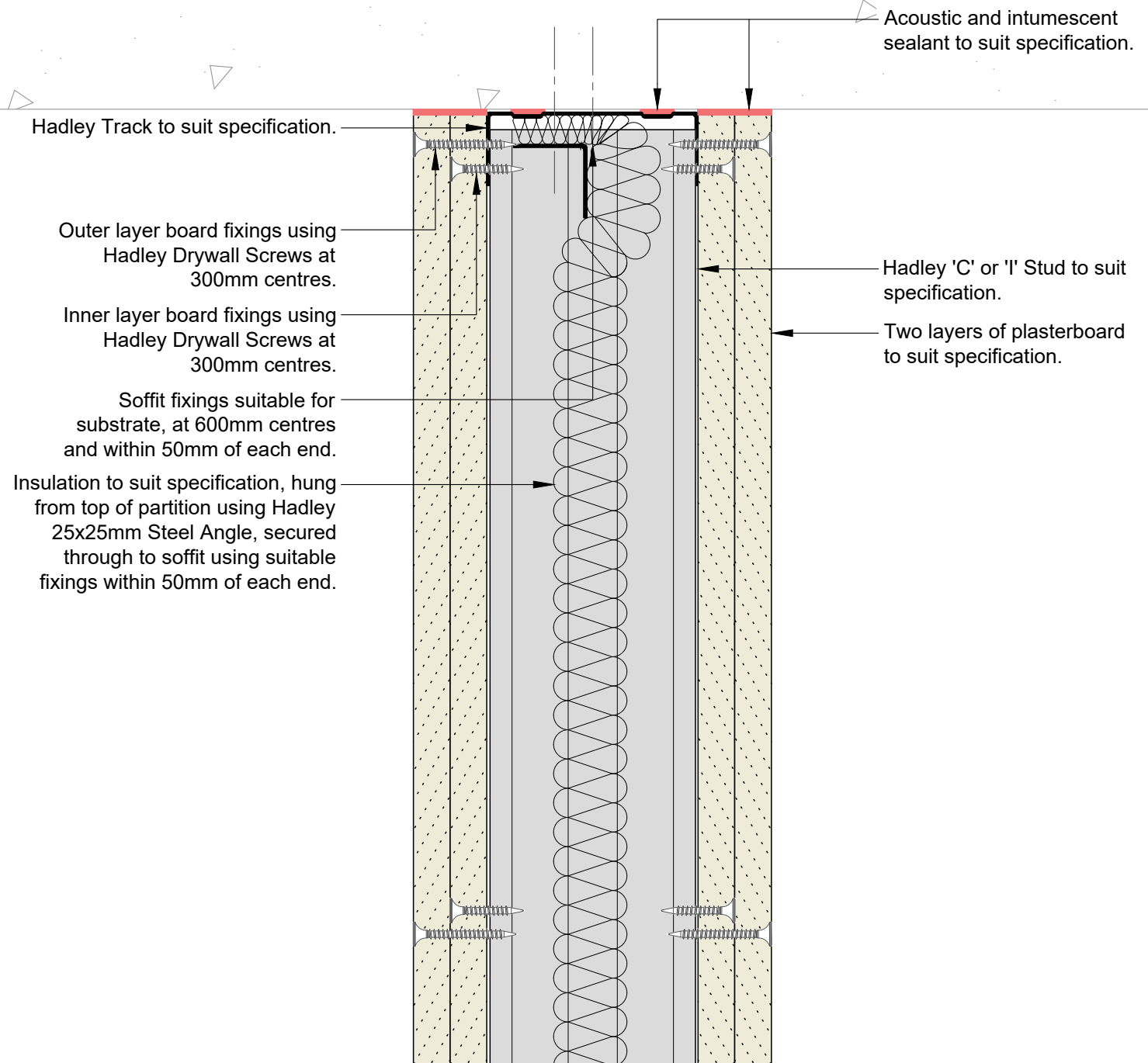
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Scale:	Date:	Drawn:	Checked:	Dwg No:	Revision:
1:2 @ A4	Jul 21	FM	JS	<b>DRY-HAD-XX-ZZ-DT-X-0202</b>	<b>00</b>

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

Project:

Typical System Detail  
See project specification for exact requirements

Title:

**Hadley Solo**  
Partition - Double Layer  
Fixed Head

Scale: 1:2 @ A4 Date: Jul 21 Drawn: FM Checked: JS Dwg No: DRY-HAD-XX-ZZ-DT-X-0203 Revision: 00

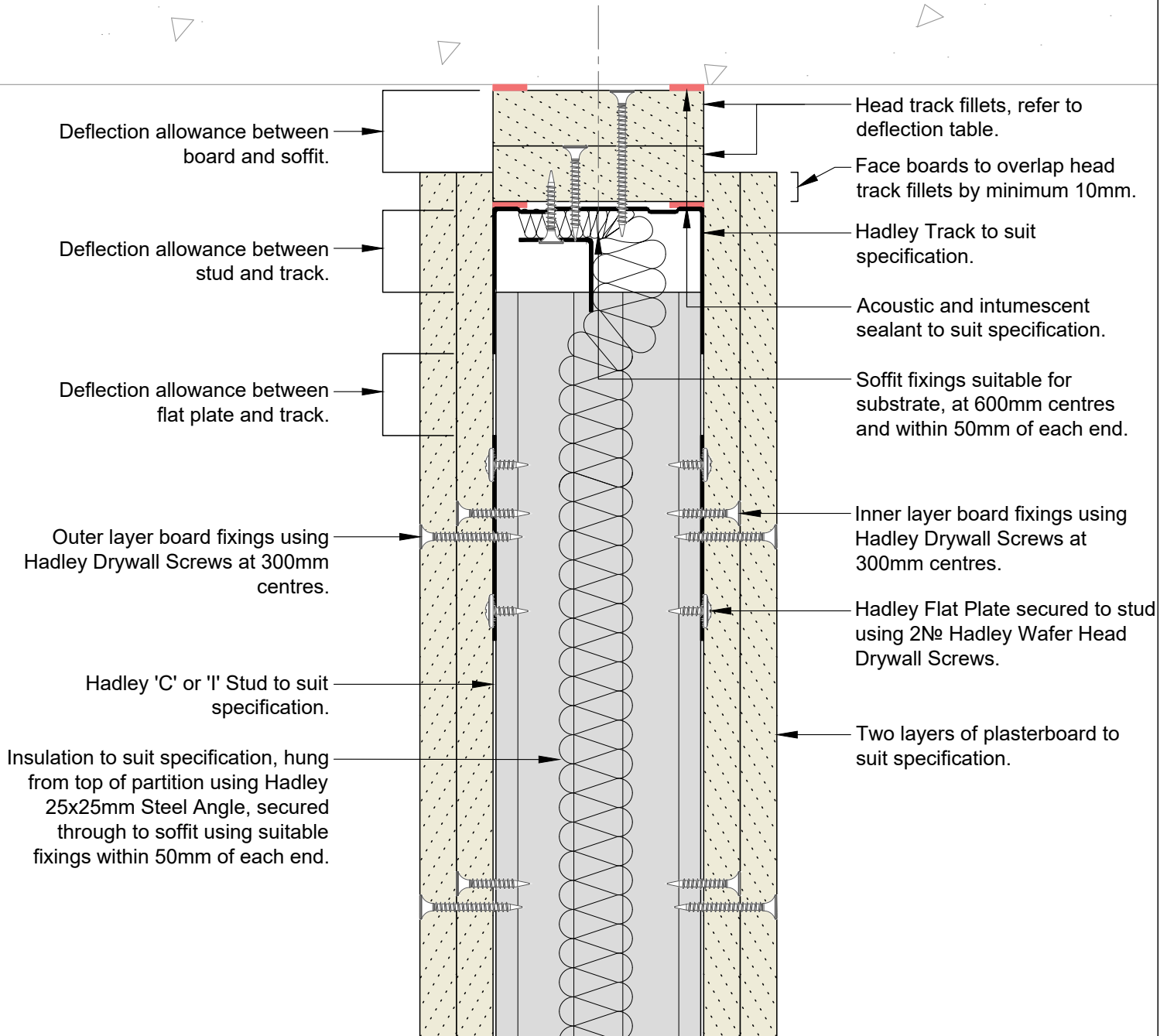


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Min. Deflection to suit structural engineer design	Min. Head Track Fillet(s)	Hadley Track Flange
5mm	1x15mm Type F Plasterboard	50mm
9mm	1x19mm CoreBoard	50mm
15mm	2x12.5mm Type F Plasterboard	50mm
20mm	2x15mm Type F Plasterboard	50mm
28mm	2x19mm CoreBoard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

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:						
<b>Hadley Solo</b>						
Partition - Double Layer						
Deflection Head up to 60 min EI Fire Resistance						
Scale:	Date:	Drawn:	Checked:	Dwg No:	Revision:	
1:2 @ A4	Jul 21	FM	JS	<b>DRY-HAD-XX-ZZ-DT-X-0204</b>	<b>00</b>	

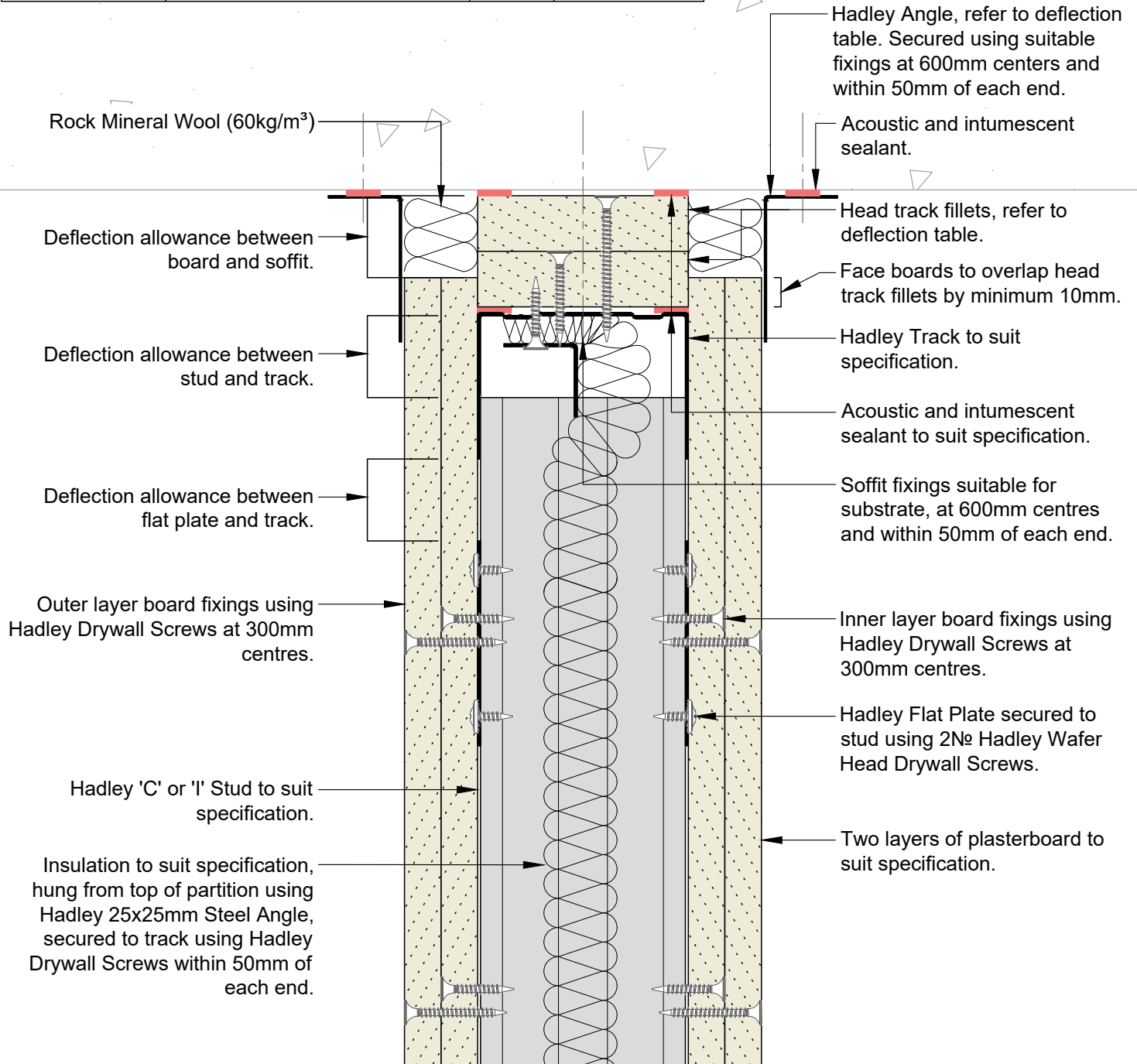


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Min. Deflection to suit structural engineer design	Min. Head Track Fillet(s)	Hadley Track Flange	Min. Hadley Angle
5mm	1x15mm Type F Plasterboard	50mm	19x19mm
9mm	1x19mm CoreBoard	50mm	19x19mm
15mm	2x12.5mm Type F Plasterboard	50mm	25x25mm
20mm	2x15mm Type F Plasterboard	50mm	25x50mm
28mm	2x19mm CoreBoard	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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Rev: Date: Reason for Issue: Drn: Chk: App: Project:

Project:  
**Typical System Detail**  
 See project specification for exact requirements

Title:  
**Hadley Solo**  
 Partition - Double Layer  
 Deflection Head up to 120 min EI Fire Resistance

Scale: 1:2 @ A4 Date: Jul 21 Drawn: FM Checked: JS Dwg No: **DRY-HAD-XX-ZZ-DT-X-0205** Revision: **00**



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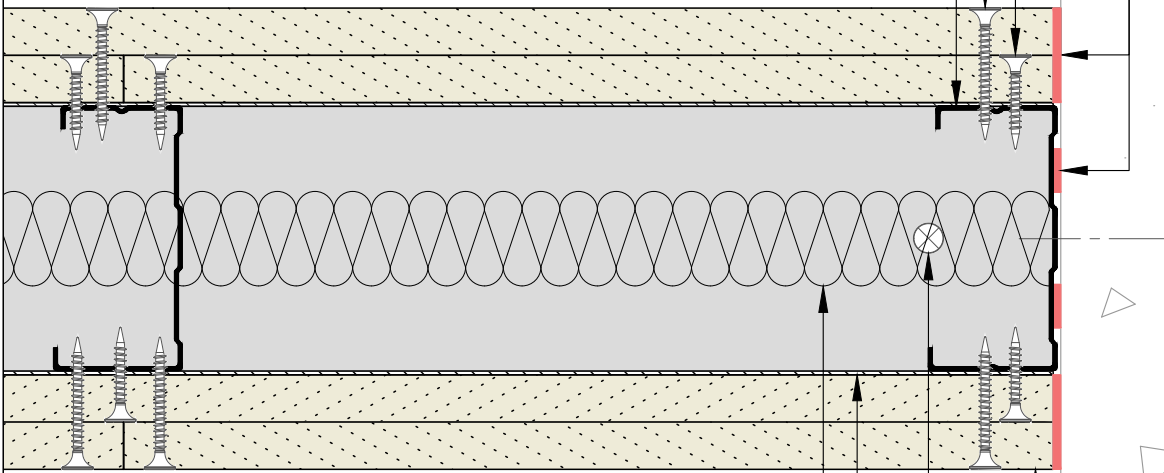
Board Thickness	Fixing Length
≤15mm	25mm
12.5mm + 12.5mm	25mm + 38mm
12.5mm + 15mm	25mm + 38mm
15mm + 15mm	25mm + 42mm

Acoustic and intumescent sealant to suit specification.

Inner layer board fixings using Hadley Drywall Screws at 300mm centres.

Outer layer board fixings using Hadley Drywall Screws at 300mm centres.

Hadley 'C' Stud to suit specification.



Insulation to suit specification.

Hadley Track to suit specification.

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

Two layers of plasterboard to suit specification.

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

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

Project:  
**Typical System Detail**  
 See project specification for exact requirements

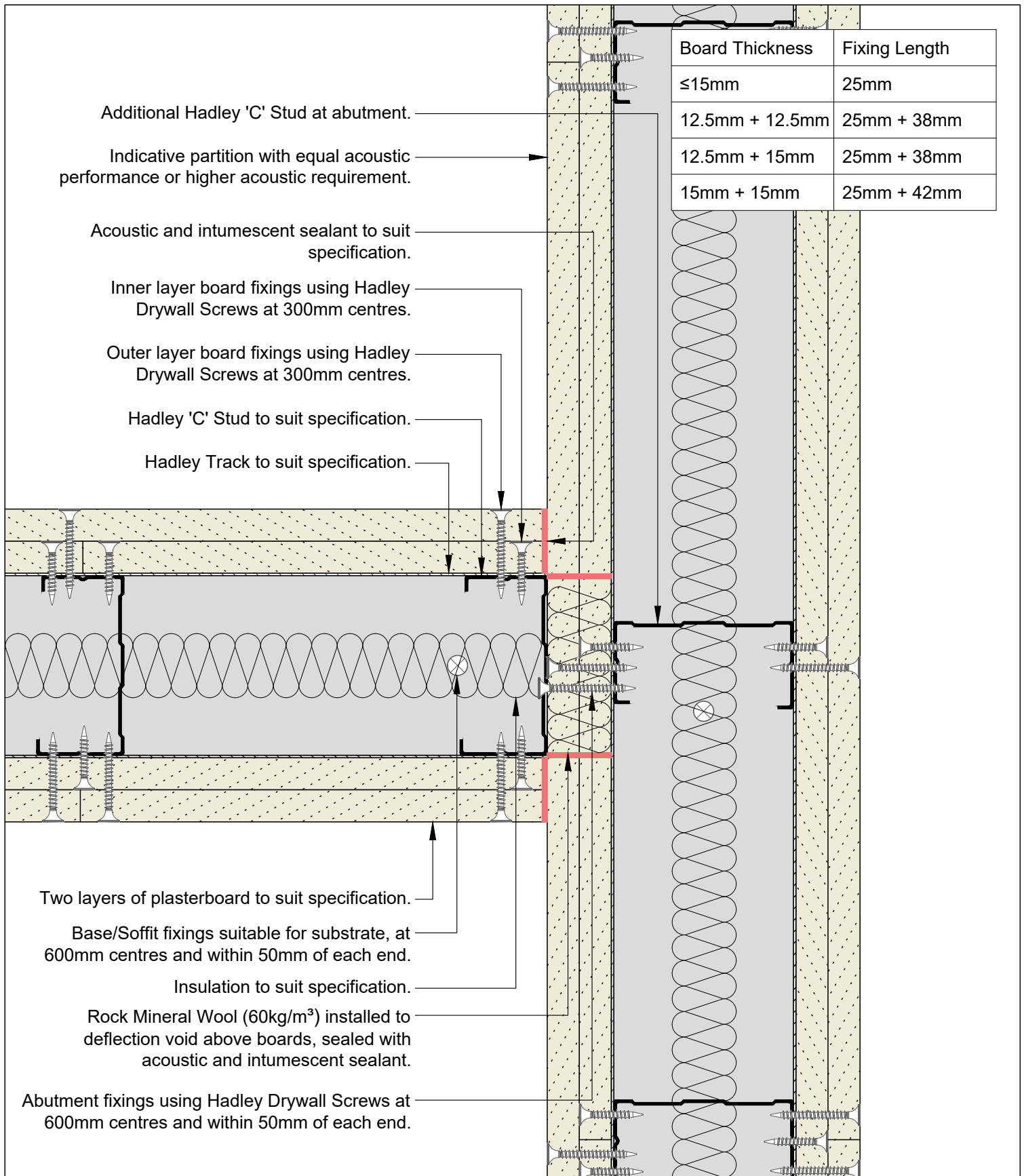
Title:  
**Hadley Solo**  
 Partition - Double Layer  
 Abutment to Concrete/Blockwork



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Scale: 1:2 @ A4	Date: Jul 21	Drawn: FM	Checked: JS	Dwg No: <b>DRY-HAD-XX-ZZ-DT-X-0206</b>	Revision: <b>00</b>
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Additional Hadley 'C' Stud at abutment.

Indicative partition with equal acoustic performance or higher acoustic requirement.

Acoustic and intumescent sealant to suit specification.

Inner layer board fixings using Hadley Drywall Screws at 300mm centres.

Outer layer board fixings using Hadley Drywall Screws at 300mm centres.

Hadley 'C' Stud to suit specification.

Hadley Track to suit specification.

Two layers of plasterboard to suit specification.

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

Insulation to suit specification.

Rock Mineral Wool (60kg/m<sup>3</sup>) installed to deflection void above boards, sealed with acoustic and intumescent sealant.

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

00 JUL21 First Issue FM JS JS System details to be read in conjunction with Hadley Group project specification pack. All applications to be built in accordance with British Standards, Building Regulations and Hadley Group tested solutions.

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Typical System Detail  
See project specification for exact requirements

Title:  
**Hadley Solo**  
Partition - Double Layer  
Abutment to Drylining Partition

Scale: 1:2 @ A4	Date: Jul 21	Drawn: FM	Checked: JS	Dwg No: <b>DRY-HAD-XX-ZZ-DT-X-0207</b>	Revision: <b>00</b>
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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

Indicative partition with lower acoustic performance.

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

Hadley 'C' Stud to suit specification.

Board fixings using Hadley Drywall Screws at 300mm centres.

Rock Mineral Wool (60kg/m<sup>3</sup>) installed to deflection void above boards, sealed with acoustic and intumescent sealant.

Insulation to suit specification.

Hadley Track to suit specification.

Two layers of plasterboard to suit specification.

Acoustic and intumescent sealant to suit specification.

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

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

Project:  
**Typical System Detail**  
 See project specification for exact requirements

Title:  
**Hadley Solo**  
 Partition - Double Layer  
 Abutment to Drylining - Flanking detail

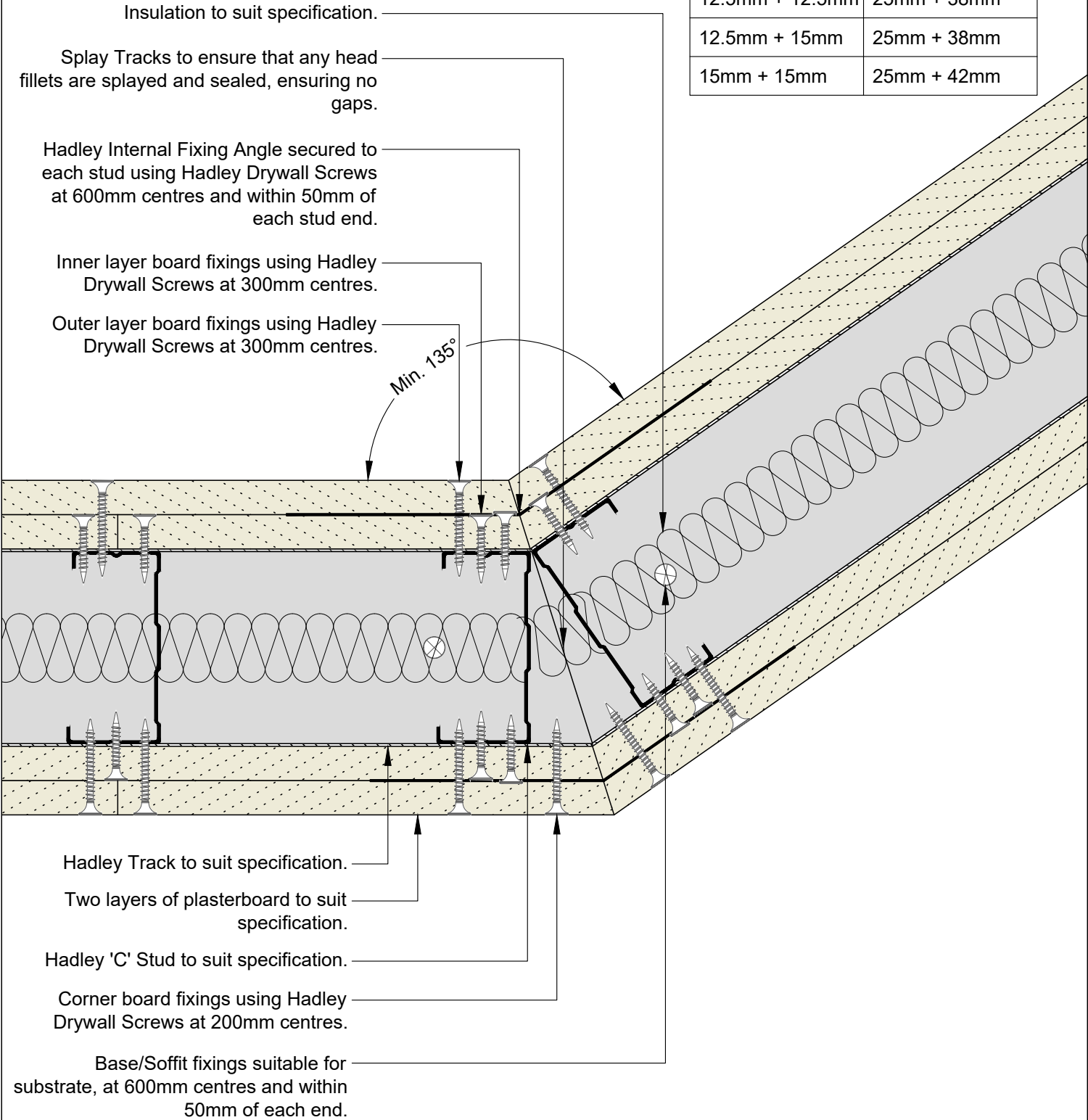


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1:2 @ A4	Jul 21	FM	JS	<b>DRY-HAD-XX-ZZ-DT-X-0208</b>	<b>00</b>

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

Project:  
**Typical System Detail**  
 See project specification for exact requirements

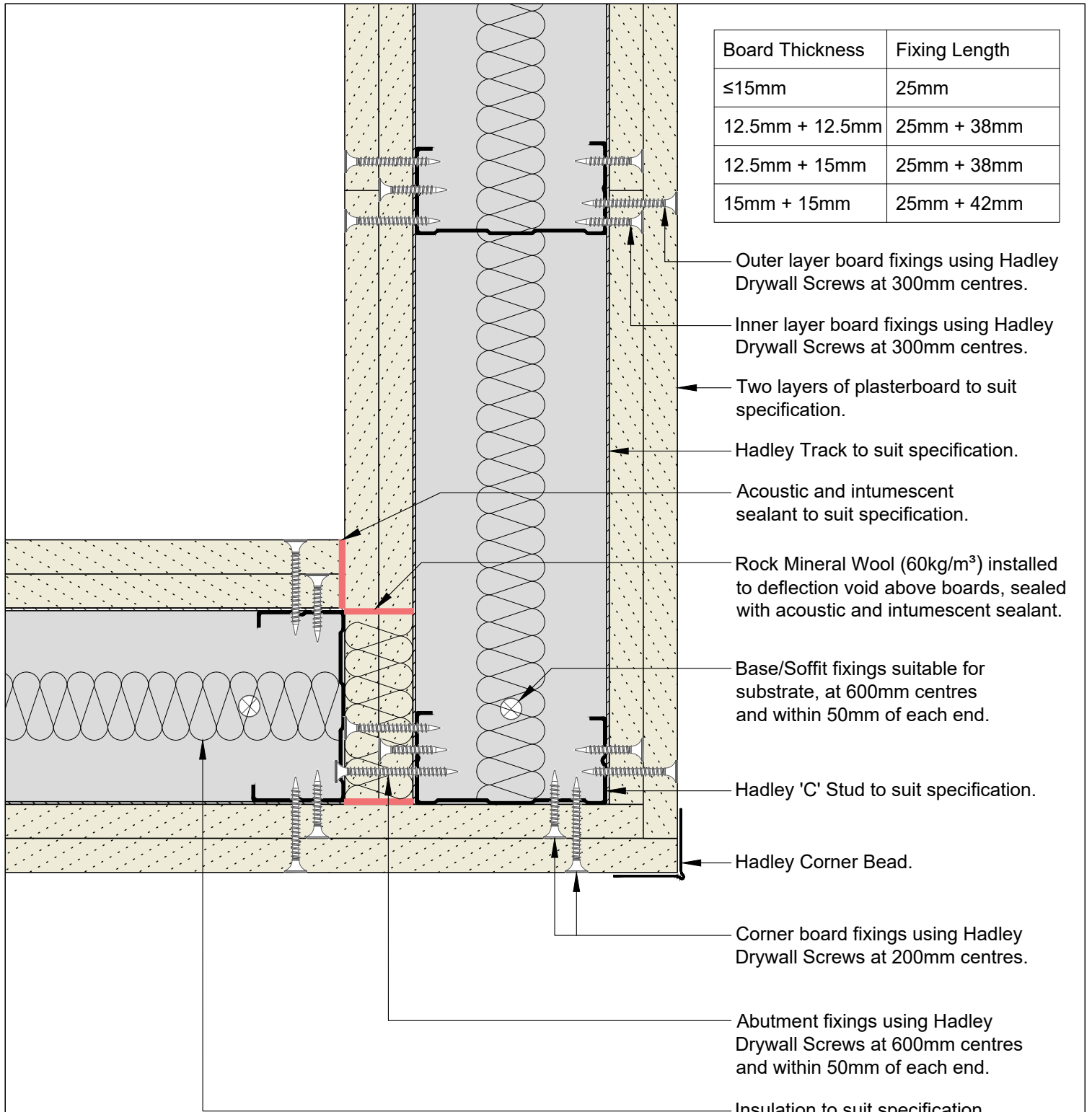
Title:  
**Hadley Solo**  
 Partition - Double Layer  
 Splayed Corner



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Project: Typical System Detail  
See project specification for exact requirements

Title: **Hadley Solo**  
Partition - Double Layer  
90° Corner

Scale:	Date:	Drawn:	Checked:	Dwg No:	Revision:
1:2 @ A4	Jul 21	FM	JS	<b>DRY-HAD-XX-ZZ-DT-X-0210</b>	<b>00</b>



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

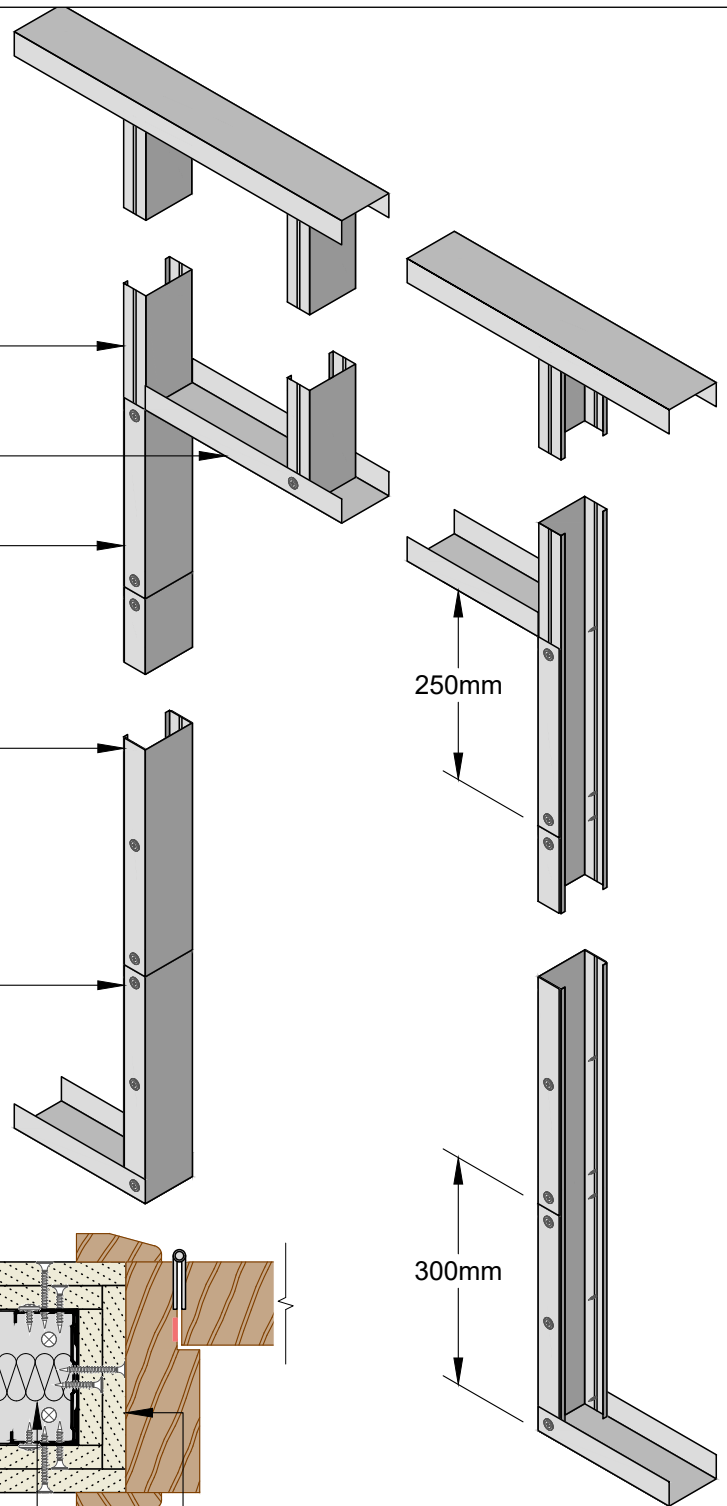
Avoid outer board joint located on the door jamb.

Hadley Track to suit specification.  
Lintel detail to suit opening width.

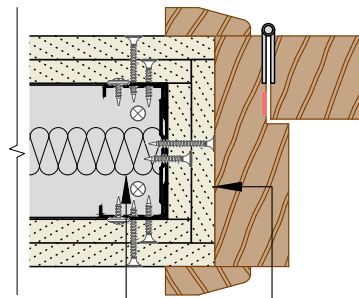
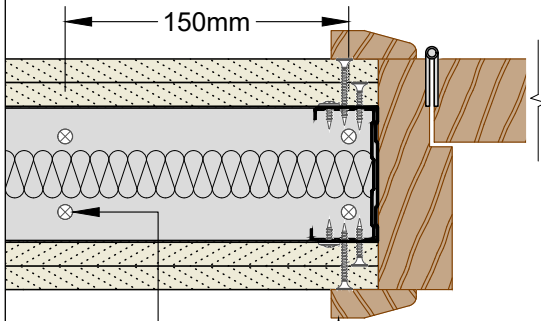
Hadley Track cut and bent to extend  
250mm down stud, fixed through  
both flanges using 2№ Hadley Wafer  
Head Drywall Screws each side.

Hadley Track sleeved over stud  
between returned channels at opening  
head & base, fixed through both flanges  
using Hadley Wafer Head Drywall  
Screws at 300mm centres and within  
50mm of each end for each side.

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



**Plan View**



Indicative door frame and  
architraves by others.

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

For fire rated openings, apply plasterboard as  
per face board specification to the reveals.

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

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

Project:

Typical System Detail  
See project specification for exact requirements

Title:  
**Hadley Solo**  
Partition - Double Layer  
Doorway 0-60 kg



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NTS	Jul 21	FM	JS	<b>DRY-HAD-XX-ZZ-DT-X-0211</b>	<b>00</b>

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

Additional Hadley Stud located up to 150mm from jamb stud.

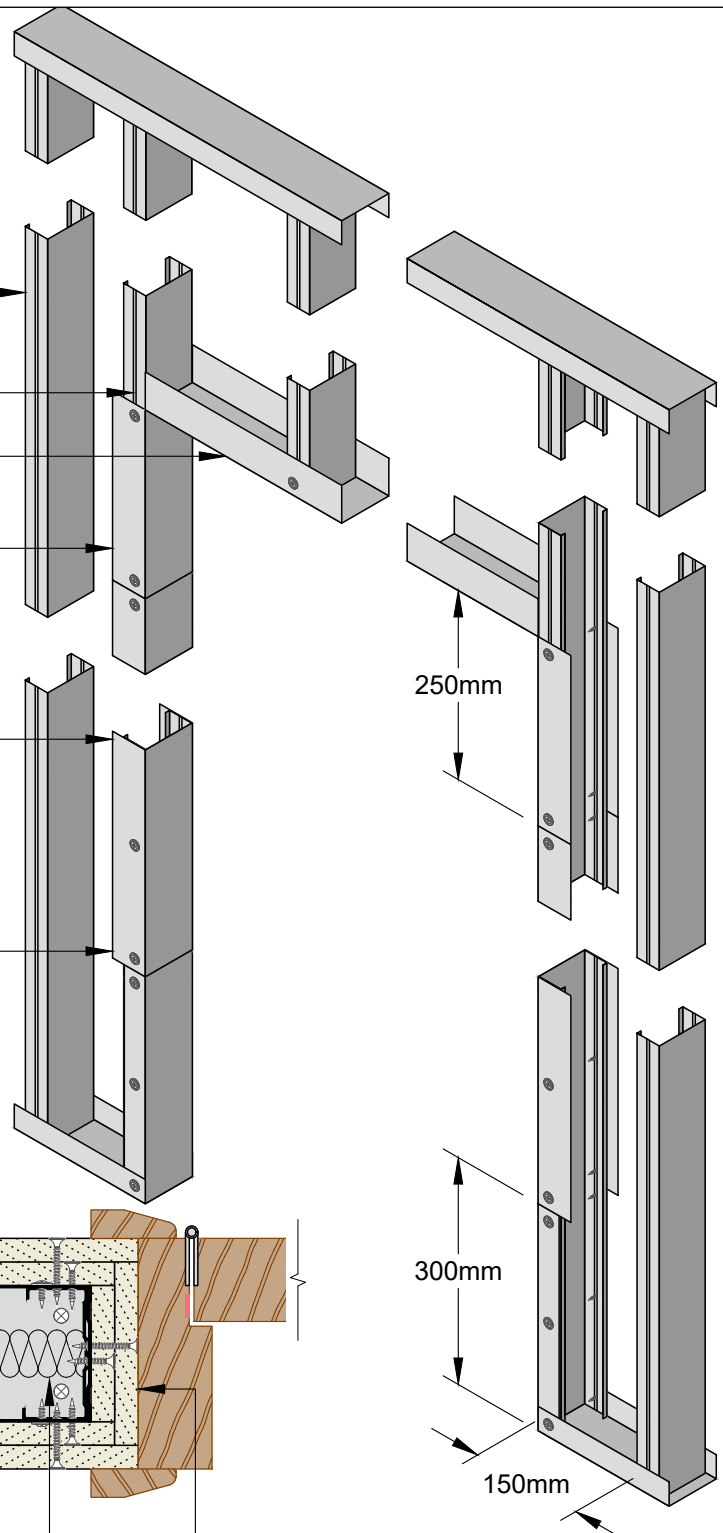
Avoid outer board joint located on the door jamb.

Hadley Track to suit specification.  
Lintel detail to suit opening width.

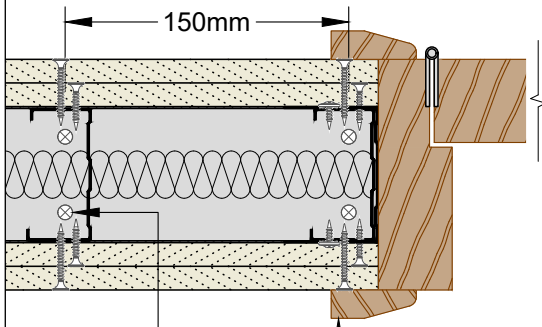
Hadley Track cut and bent to extend 250mm down stud, fixed through both flanges using 2N<sup>o</sup> Hadley Wafer Head Drywall Screws each side.

Hadley Track sleeved over stud between returned channels at opening head & base, fixed through both flanges using Hadley Wafer Head Drywall Screws at 300mm centres and within 50mm of each end each side.

Hadley Track cut and bent to extend vertically 300mm, fixed through both flanges using 3N<sup>o</sup> Hadley Wafer Head Drywall Screws each side.

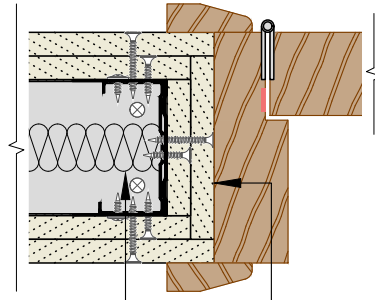


**Plan View**



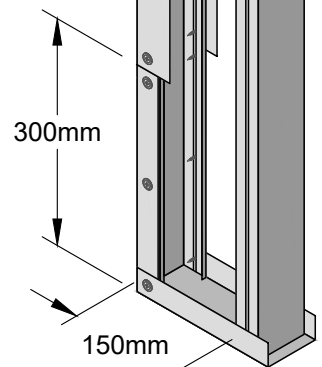
Indicative door frame and architraves by others.

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



For fire rated openings, apply plasterboard as per face board specification to the reveals.

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



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

Project:  
**Typical System Detail**  
 See project specification for exact requirements

Title:  
**Hadley Solo**  
 Partition - Double Layer  
 Doorway 61-100 kg



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