

BASE DETAIL

502x15SRIns

**DOUBLE LAYER** 

Details to be read in conjunction with project specification guidelines

This information is provided in good faith and is based upon details received which are assumed to include all relevant facts.

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Adsetts House. 16 Europa View, Sheffield Business Park, Sheffield, S9 1XH.

T: 0114 231 8030



Board Thickness	Speedline Drywall Fixing Length	]		F	HEAD PACKER	THICKNESS P	PER DEFLECTION ALLO		
10.5			FIVE THE REACTED CARD TO	-		l	Head Packers by Fir		T
12.5mm & 15mm	25mm	1	FIX THE PLASTERBOARD TO			Head Track		60Mins	90 & 120Mins
12.5mm + 12.5mm	25mm + 38mm	1	ACK ABOVE PARTITION BRACE.					Min 2x12.5 mm SR*	Min 2x12.5mm
12.5mm + 15mm	25mm + 42mm	DO NOT FIX STU	DS TO HEAD TRACKS AS THIS WILL		·		Min 2x15mm WB	Min 2x15mm SR	Min 2x15mm FF
15mm + 15mm	25mm + 42mm	STOP DEFLECTIO	N HEAD FROM MOVING	L	Jp to 30mm*2	SPXDT	Min 3x12.5mm WB	Min 3x12.5 mm SR	Min 3x12.5mm
				<u> </u>	Jp to 40mm*2	SPXDT	Min 3x15mm WB	Min 3x15mm SR	Min 3x15mm FF
	7 7 7	,	A	٠	Jp to 45 mm*2	SPXDT	Min 3x19PlankWB	Min 3x19mm Coreboar	Min 3x19mm Co
			P. P	▶ · ▽	WB=Wallboard *19mm Core b		ound Resistant Board used as a single or m	FR=Fire Resist: ultiple layers in all the al	ant Board (Type F) bove build-ups
	P. A P		V V V	D D D	P Not available	e on 50 & 60	Omm Studs		
	lance .	4 4		SPEEI	DLINE Int	tumesce	ent Sealant		
	Deflection Allow						ard head pacent Sealant	cker as above	

MAY REQUIRE MF CEILING TO AID ACOUSTIC PERFORMANCE OF WALL

Two layers of Gypsum Plasterboard fixed with SPEEDLINE Drywall Screws at 300mm Ctrs outer layer, 600mm Ctrs inner layer (200mm at external angles). Refer to above table for fixing lengths

> CDR No: 337a TWIN C STUD

**DOUBLE LAYER** 

502x15SRIns

SCALE: NTS

DATE: 01/08/24

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Ctrs

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E: enquiries@speedlinedrywall.co.uk

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DEFLECTION HEAD DETAIL UP TO 60 MINUTES

**SPEEDLINE** DRYWALL SYSTEMS | Part of STEP |

SPEEDLINE Track (As Above) suitably fixed at 600mm

SPEEDLINE 'C' Stud as per specification

SPEEDLINE Flat Bracing Strip or Partition Brace

Cut short by deflection requirement

To allow top fixing for plasterboard

Insulation as per specification

Min 2x12.5mm FR\*

Min 3x12.5mm FR Min 3x15mm FR

Min 3x19mm Coreboar Min 3x19mm Coreboard FR=Fire Resistant Board (Type F)

Board Thickness	Speedline Drywall Fixing Length			
12.5mm & 15mm	25mm			
12.5mm + 12.5mm	25mm + 38mm			
12.5mm + 15mm	25mm + 42mm			
15mm + 15mm	25mm + 42mm			

DO NOT SCREW FIX THE PLASTERBOARD TO THE STUD OR TRACK ABOVE PARTITION BRACE.
DO NOT FIX STUDS TO HEAD TRACKS AS THIS WILL STOP DEFLECTION HEAD FROM MOVING

HEAD PACKER 1	THICKNESS P	ER DEFLECTION ALLC	WANCE	
		Head Packers by Fire	e Rating	
Deflection	Head Track	30 Mins	60Mins	90 & 120Mins
Up to 15mm	SPEDT	Min 2x12.5mm WB	Min 2x12.5mm SR*	Min 2x12.5mm FR*
Up to 25 mm	SPEDT	Min 2x15mm WB	Min 2x15mm SR	Min 2x15mm FR
Up to 30mm*2	SPXDT	Min 3x12.5mm WB	Min 3x12.5 mm SR	Min 3x12.5mm FR
Up to 40mm*2	SPXDT	Min 3x15mm WB	Min 3x15mm SR	Min 3x15mm FR
Up to 45 mm*2	SPXDT	Min 3x19PlankWB	Min 3x19mm Coreboar	Min 3x19mm Coreboard
	Deflection Up to 15mm Up to 25mm Up to 30mm* <sup>2</sup> Up to 40mm* <sup>2</sup>	Deflection Head Track Up to 15mm SPEDT	Head Packers by Fire   Deflection	Up to 15mm         SPEDT         Min 2x12.5mm WB         Min 2x12.5mm SR*           Up to 25mm         SPEDT         Min 2x15mm WB         Min 2x15mm SR           Up to 30mm*2         SPXDT         Min 3x12.5mm WB         Min 3x12.5mm SR           Up to 40mm*2         SPXDT         Min 3x15mm WB         Min 3x15mm SR

₽ ·∴ ·.		D. D	V	Up to 45 mm*2 SPXDT Min 3x19mm vvB Min 3x19mm Coreboard Min 3x19mm Coreboard
	PD P A P		· · · · · · · · · · · · · · · · · · ·	WB=Wallboard SR=Sound Resistant Board FR=Fire Resistant Board (Type F)
. •	e e e	> P . P . P P P		*19mm Core board can be used as a single or multiple layers in all the above build-ups
P		A		*2 Not available on 50 & 60mm Studs
الم. خ		P P		
				<u> </u>
		4.	SPE	EEDLINE Intumescent Sealant
		Δ Δ Δ Ι · Δ	SPE	EEDLINE Cloak Angle to suit Deflection
Milowan			Sto	ne Mineral Wool
efection			Col	ntinuous Plasterboard head packer as above
Q1			SPE	EEDLINE Intumescent Sealant
Allowar			SPE	EEDLINE Track (As Above) suitably fixed at 600mm
let clor			Ctr	
			SDE	EEDLINE 'C' Stud as per specification
				t short by deflection requirement
	an Allowa			
	Deflection of the state of the		AAAMAAAA	
	in i			EEDLINE Flat Bracing Strip or Partition Brace
				allow top fixing for plasterboard
Two layers of Gypsum Plasterboard fixed — with SPEEDLINE Drywall Screws at 300mm				
Ctrs outer layer, 600mm Ctrs inner layer			Inci	ulation as per specification
(200mm at external angles). Refer to above table for fixing lengths			— IIISC	uiation as per specification
above table for fixing lengths				
	[A. 76] [M. [K.]]			

Design Data

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CDR No: 31B

SCALE: NTS

DATE: 01/08/24

TWIN C STUD
DEFLECTION HEAD DETAIL 90-120 MINUTES
DOUBLE LAYER
502x15dBlns

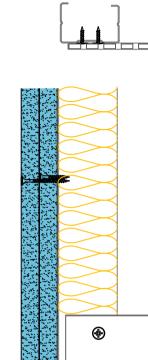
Details to be read in conjunction with project specification guidelines

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Board Thickness	Speedline Dywall Fixing Length				
12.5mm & 15mm	25mm				
12.5mm + 12.5mm	25mm + 38mm				
12.5mm + 15mm	25mm + 42mm				
15mm + 15mm	25mm + 42mm				



- Two layers of Gypsum Plasterboard fixed with SPEEDLINE Drywall Screws at 300mm Ctrs outer layer, 600mm Ctrs inner layer (200mm at external angles). Refer to above table for fixing lengths

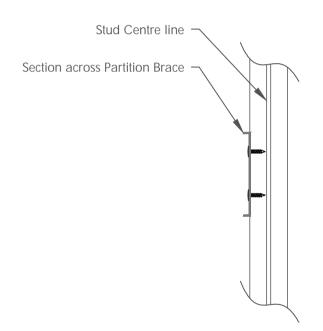
Insulation as per specification

Plan View

SPEEDLINE 'C' Stud as per specification

SPEEDLINE Partition Brace at 1200mm Vertical Ctrs, fixed with min 2 screws per stud.

Off-cuts of Stud or track can also be used, fixed in the same manor



Oosian Data:

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CDR No: 30A

SCALE: NTS DA

DATE: 01/08/24

TWIN C STUD HORIZONTAL STUD BRACE DETAIL DOUBLE LAYER 502x15dBins

Details to be read in conjunction with project specification guidelines

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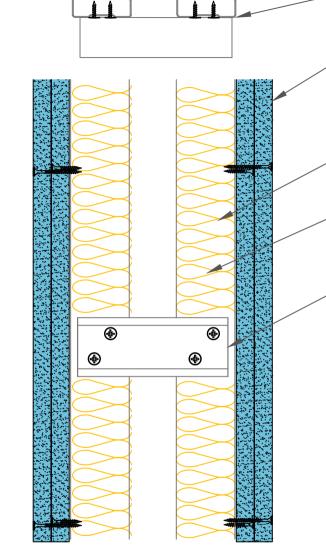


Board Thickness	Speedline Drywall Fixing Length				
12.5mm & 15mm	25mm				
12.5mm + 12.5mm	25mm + 38mm				
12.5mm + 15mm	25mm + 42mm				
15mm + 15mm	25mm + 42mm				

Stud Centre line

Section across Partition Brace

Sections of stud or track



Two layers of Gypsum Plasterboard fixed with SPEEDLINE Drywall Screws at 300mm Ctrs outer layer, 600mm Ctrs inner layer (200mm at external angles). Refer to above table for fixing lengths

Insulation as per specification

Plan View

SPEEDLINE 'C' Stud as per specification

Braced using Off-cuts of Stud or track at 1200mm Vertical Ctrs, fixed with min 2 screws per stud.

osian Data

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CDR No: 1524

SCALE: NTS

DATE: 01/08/24

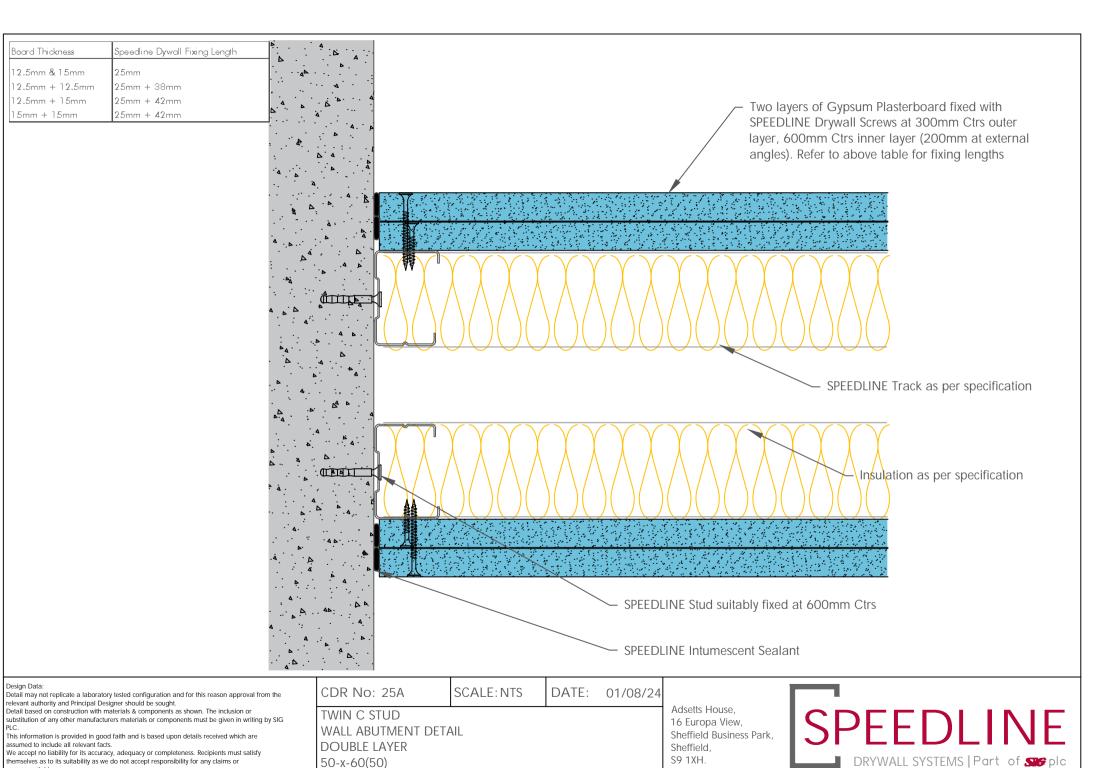
TWIN C STUD HORIZONTAL STUD BRACE DETAIL BRACED USING OFF CUTS OF STUD OR TRACK 502x15FRIns

Details to be read in conjunction with project specification guidelines

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T: 0114 231 8030



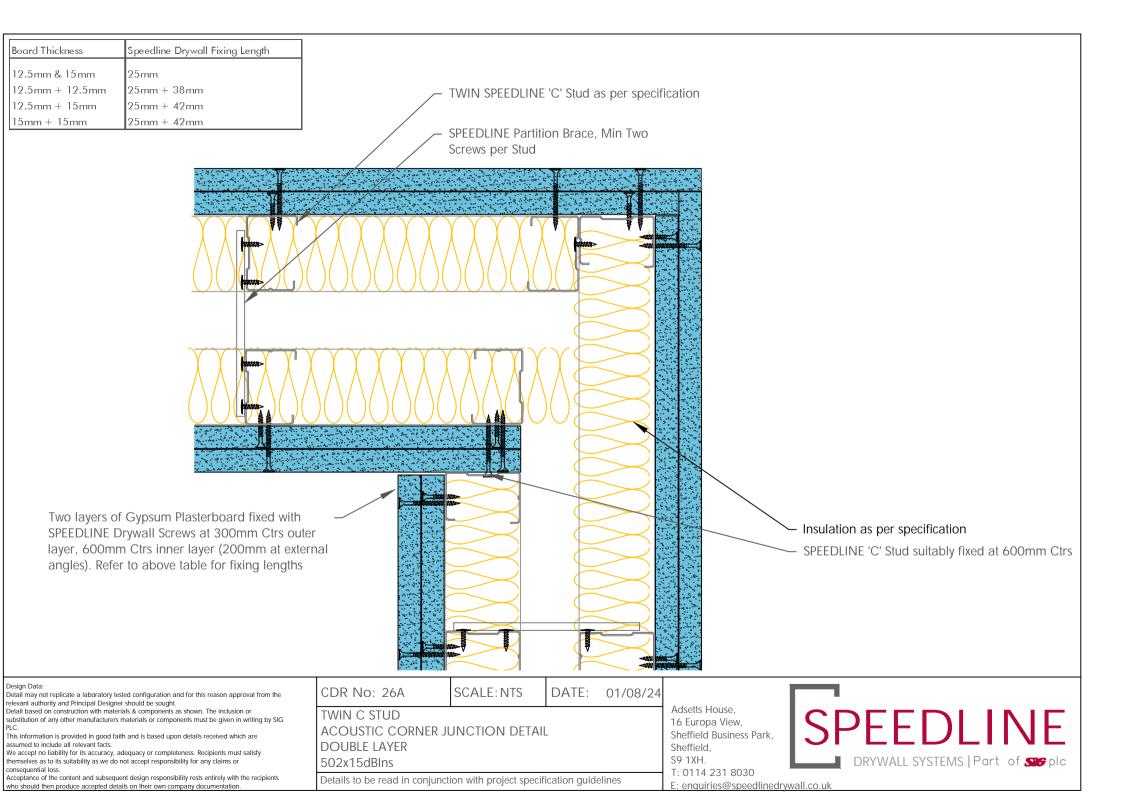


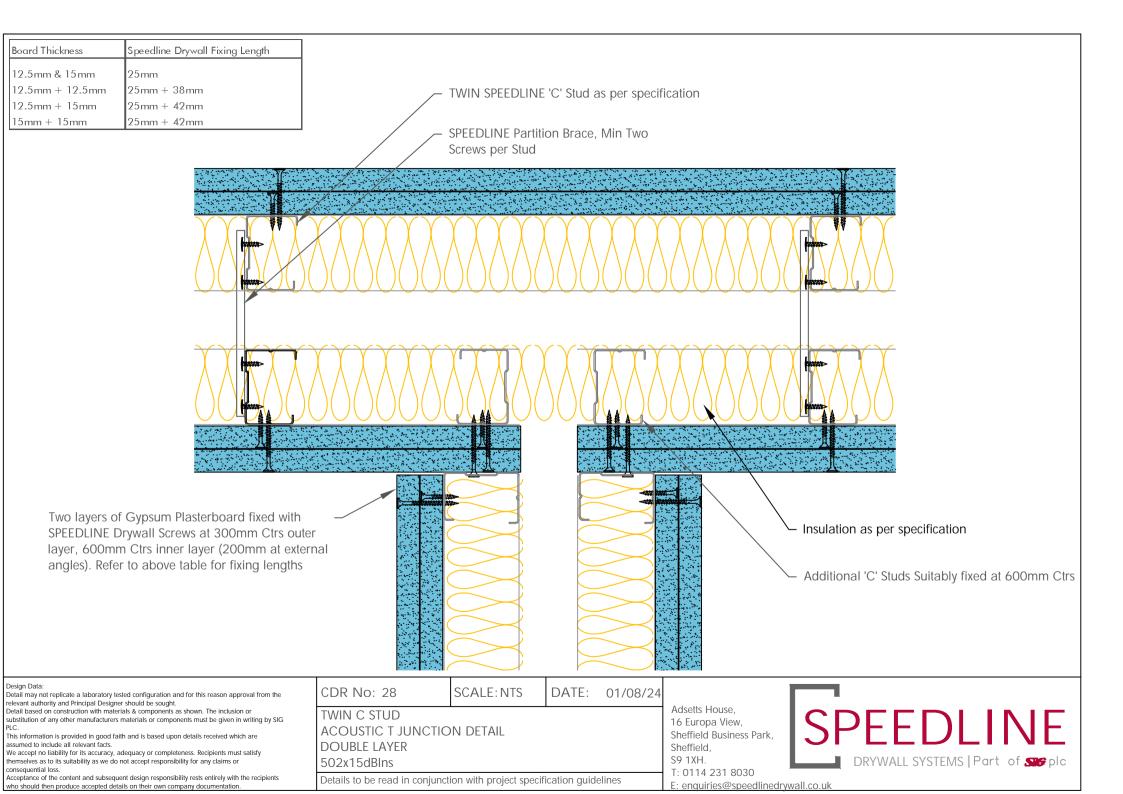
Details to be read in conjunction with project specification guidelines

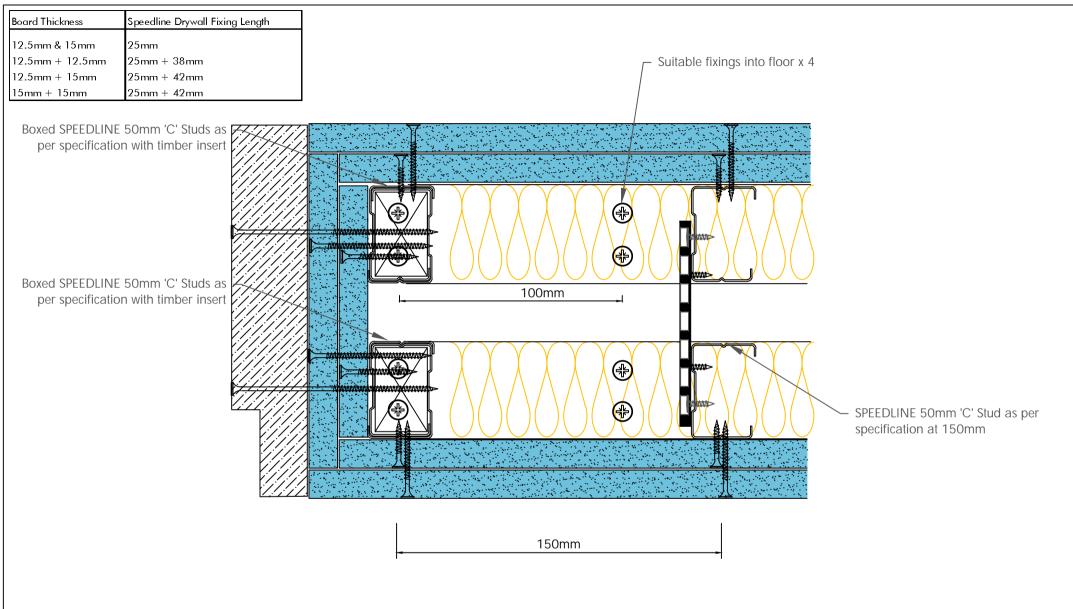
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To be read in conjunction with door manufacturers details & informantion

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CDR No: 1203 | SCALE: NTS | DATE: 01/08/24

TWIN C STUD

DOOR UP TO 60 Kgs

Twin5060(2x50)

Details to be read in conjunction with project specification guidelines

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