

TWIN C STUD BASE DETAIL **DOUBLE LAYER** 502x15SRIns Details to be read in conjunction with project specification guidelines

Sheffield. S9 1XH.

T: 0114 231 8030



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 THICKNESS PER DEFLECTION ALLOWANCE					
		Head Packers by Fire Rating			
Deflection	Head Track	30 Mins	60Mins	90 & 120Mins	
Up to 15mm	SPEDT	Min 2x12.5mm WB	Min 2x12.5 mm 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	

P		D. P.		Up to 45mm*2 SPXDT Min 3x19PlankWB Min 3x19mm Coreboar Min 3x19mm Coreboard
	D D D	P. P	A	WB=Wallboard SR=Sound Resistant Board FR=Fire Resistant Board (Туре F)
. P . y	· · · · · · · · · · · · · · · · · · ·		P	*19mm Core board can be used as a single or multiple layers in all the above build-ups
7				*2 Not available on 50 & 60mm Studs
٠		A	V V V V	P. D. AP
	4 44	4 4	SF	PEEDLINE Intumescent Sealant
on Allowance				
Deflecti			- C	ontinuous Plasterboard head packer as above
out.			SF	PEEDLINE Intumescent Sealant
on Allow				PEEDLINE Track (As Above) suitably fixed at 600mm
Deflect				trs
				PEEDLINE 'C' Stud as per specification
Іомапов			Cı	ut short by deflection requirement
lection Al	· www.		nnmana.	
	/			PEEDLINE Flat Bracing Strip or Partition Brace
			To	allow top fixing for plasterboard
Two layers of Gypsum Plasterboard fixed with SPEEDLINE Drywall Screws at 300mm				
Ctrs outer layer, 600mm Ctrs inner layer			✓ Inc	sulation as per specification
(200mm at external angles). Refer to above table for fixing lengths				salation as per specification
The state of the s				

mance date and system specifications are for systems constructed with materials sense a shown. The inclusion or subditivition of any other manufacturers materials sents could invalidate set date and system performance and permission must be writing by SIG PLC.

CDR No: 1852 TWIN C STUD

DOUBLE LAYER

50-x-60(50)

SCALE: NTS

DATE: 12/06/20

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

Adsetts House,

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Details to be read in conjunction with project specification guidelines

DEFLECTION HEAD DETAIL UP TO 60 MINUTES

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 THICKNESS PER DEFLECTION ALLOWANCE					
		Head Packers by Fire Rating			
Deflection	Head Track	30 Mins	60Mins	90 & 120Mins	
Up to 15mm	SPEDT	Min 2x12.5mm WB	Min 2x12.5 mm 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	

D b b b	Up to 45 mm *2 SPXDT Min 3x19PlankWB Min 3x19mm Coreboar Min 3x19mm Coreboard
	WB=Wallboard SR=Sound Resistant Board FR=Fire Resistant Board (Type F)
	*19mm Core board can be used as a single or multiple layers in all the above build-ups
	*2 Not available on 50 & 60mm Studs
	SPEEDLINE Intumescent Sealant
	SPEEDLINE Cloak Angle to suit Deflection
Allowan	Stone Mineral Wool
Deflection	Continuous Plasterboard head packer as above
	SPEEDLINE Intumescent Sealant
Villowan	SPEEDLINE Track (As Above) suitably fixed at 600mm
l leled on	Ctrs
	CDEEDLINE ICL Churl on non on orification
	SPEEDLINE 'C' Stud as per specification Cut short by deflection requirement
William Allowan	
lec lo	
الم المسلمين	SPEEDLINE Flat Bracing Strip or Partition Brace
	To allow top fixing for plasterboard
Two layers of Gypsum Plasterboard fixed	
with SPEEDLINE Drywall Screws at 300mm	
Ctrs outer layer, 600mm Ctrs inner layer	Insulation as per specification
(200mm at external angles). Refer to above table for fixing lengths	
above table for fixing forigins	
District Control	

All performance data and system specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufacturers materials or components could invalidate test data and system performance and permission must be given in writing by SIG PLC.

The information is provided in good faith and is based upon details received which are

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CDR No: 31B

SCALE: NTS

DATE: 12/06/20

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

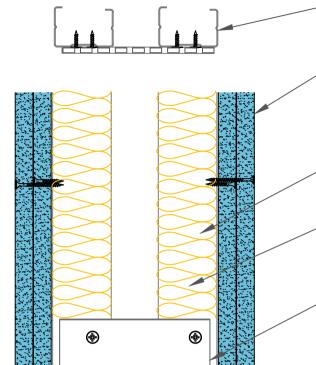
Details to be read in conjunction with project specification guidelines

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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	



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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

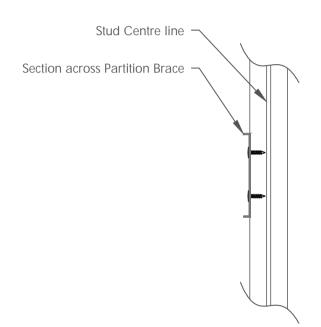
Insulation as per specification

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



structed with materials manufacturers materials and permission must be

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DOUBLE LAYER

502x15dBlns

HORIZONTAL STUD BRACE DETAIL

SCALE: NTS

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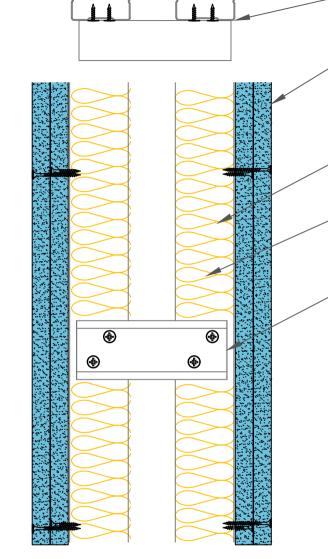
SPEEDLINE
DRYWALL SYSTEMS | Part & plc

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.

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CDR No: 1524

SCALE: NTS

DATE: 12/06/20

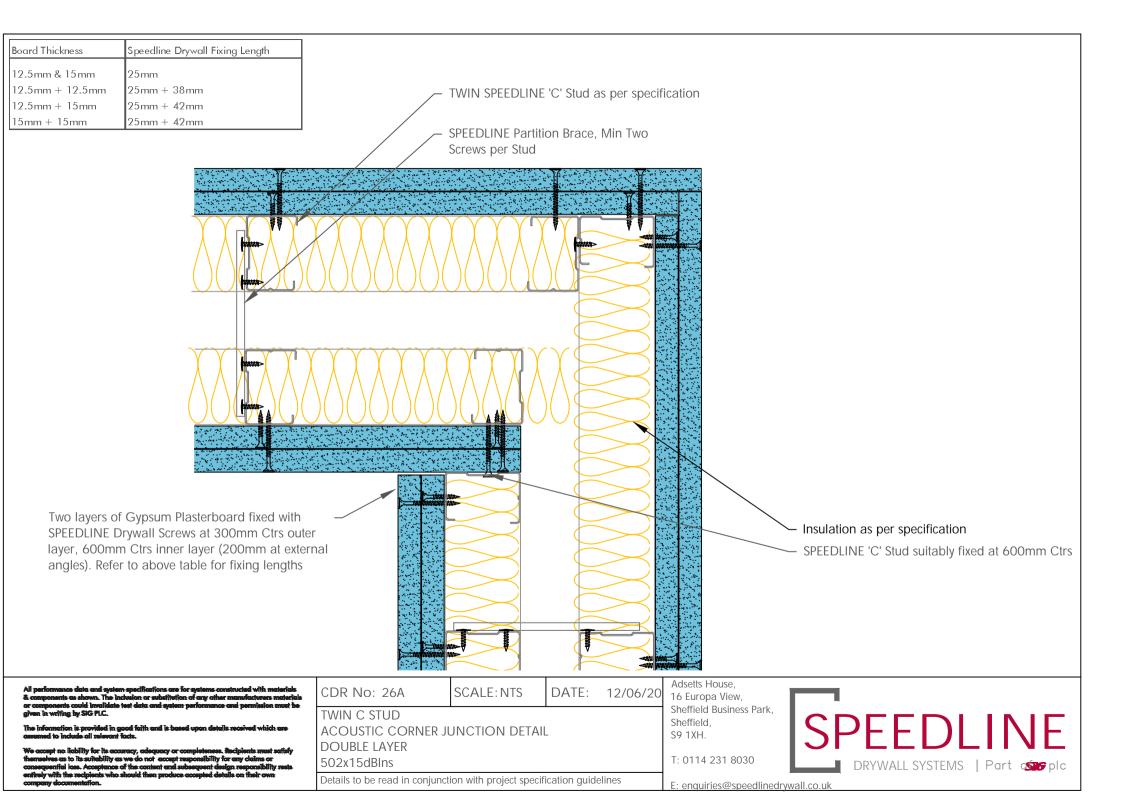
TWIN C STUD
HORIZONTAL STUD BRACE DETAIL
BRACED USING OFF CUTS OF STUD OR TRACK
502x15FRIns

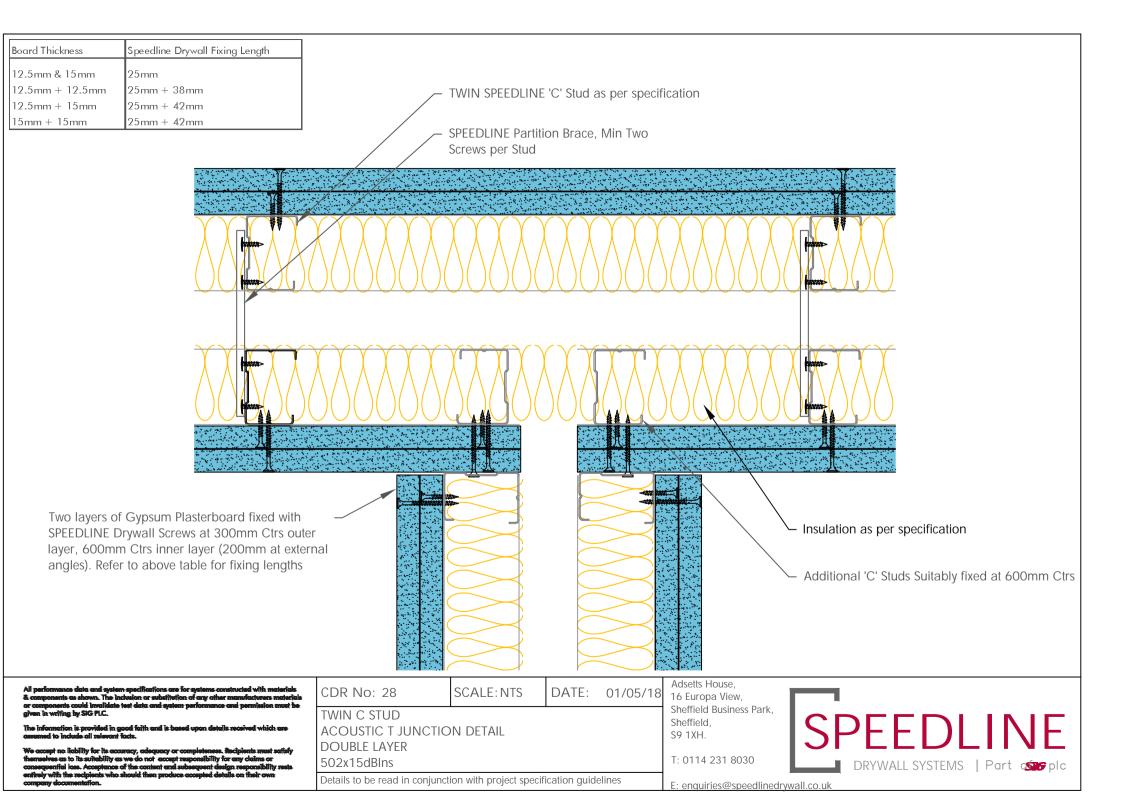
Details to be read in conjunction with project specification guidelines

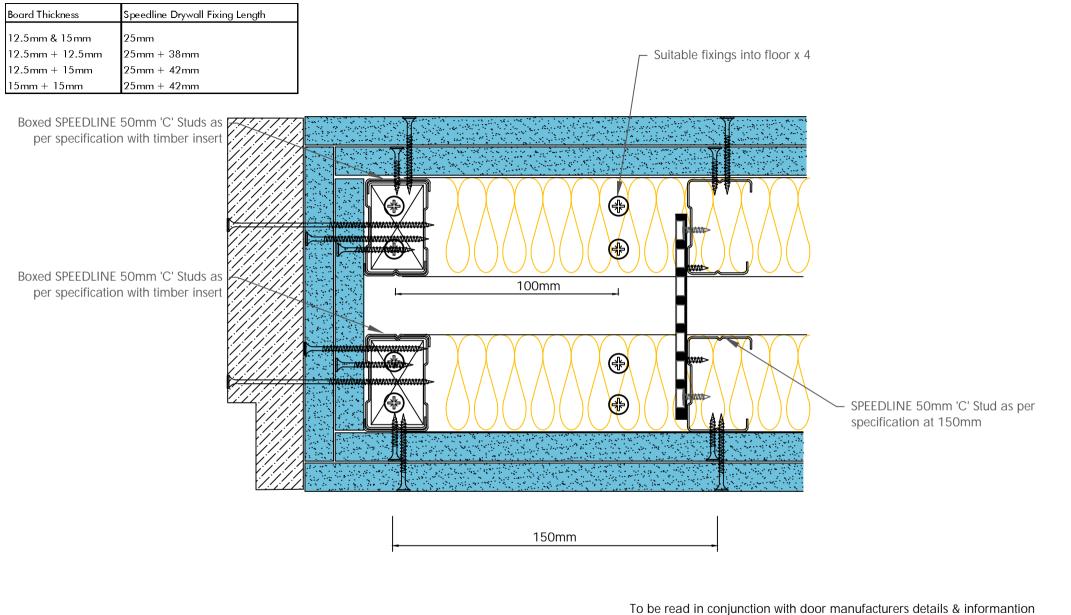
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CDR No: 1203 SCALE: NTS DATE: 12/06/20
TWIN C STUD
DOOR UP TO 60 Kgs
Twin5060(2x50)

Details to be read in conjunction with project specification guidelines

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