

SYSTEM
SPECIFICATION
AND DETAILS

PROJECT PACK



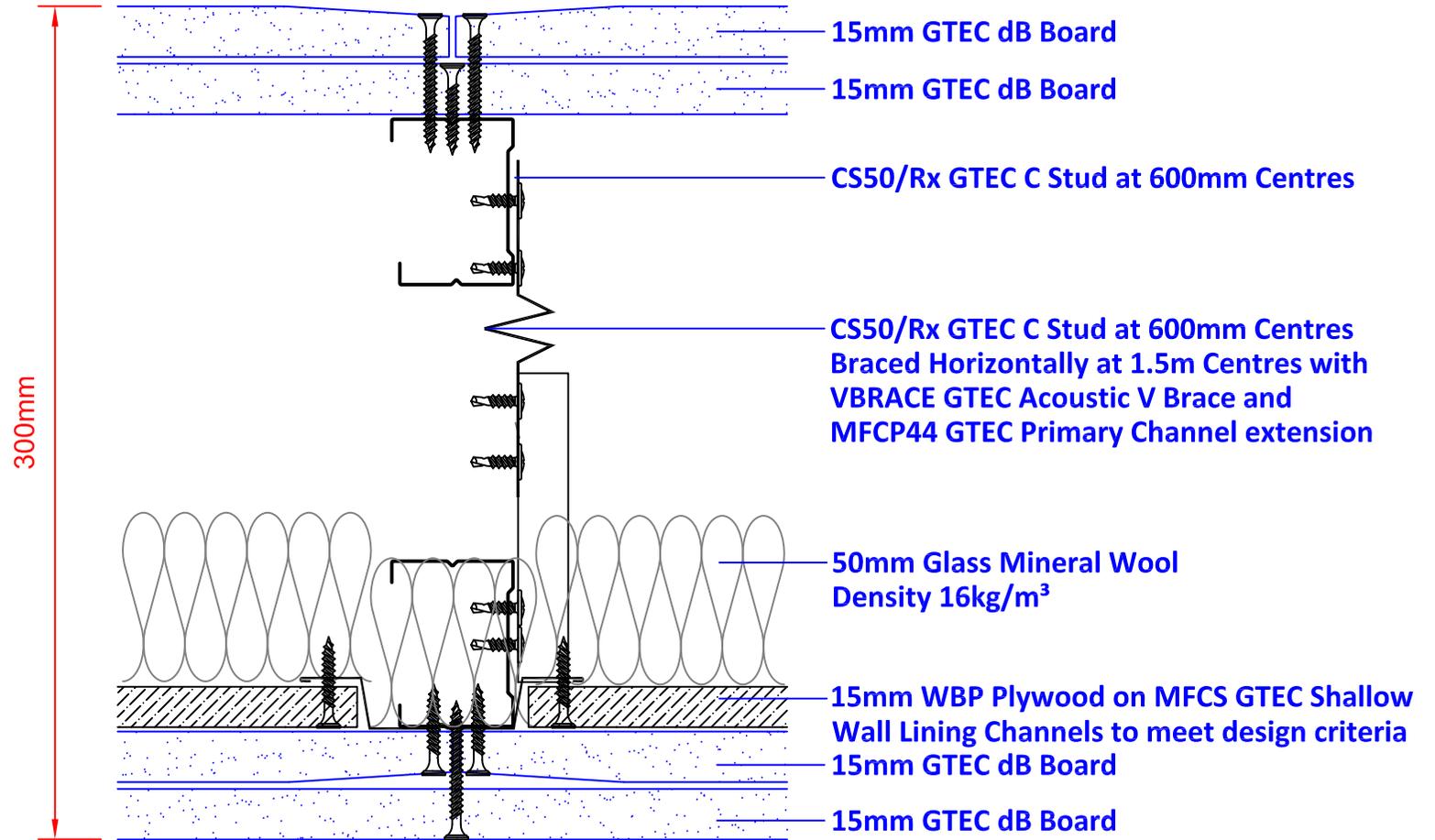
SYSTEM SPECIFICATION AND DETAILS

SINIAT GTEC® METAL STUD PARTITION	
System type and location	WALL TYPE 1 – METAL STUD SEPARATING PARTITION BETWEEN DWELLINGS AND BETWEEN DWELLINGS AND COMMUNAL AREAS (WHERE NO KITCHENS OCCUR) TO ACHIEVE MINIMUM 60 MINUTES FIRE AND $D_{nTw} + C_{tr}$ 45dB
Manufacturer	Siniat Limited. Tel: 01275 377789
Siniat system reference	Metal stud twin-frame partition system RSP 038 (300 mm)
CAD Reference	RSP 038 (300 mm)
Nominal thickness (mm)	300 (Excluding finishes)
Performance	
Maximum height (mm)	5300 mm
Fire resistance (minutes)	90 minutes
Sound insulation (R_w dB)	64, -7 C_{tr} R_w dB
BS5234 duty grade	Severe Duty (where applicable)
Deflection tolerance (mm)	15 mm (to be confirmed by structural engineer)
Framing Installation	All as per the current Siniat Limited Drywall Manual recommendations
Studs	Twin rows of CS50/Rx GTEC 50 mm C Studs at 600 mm centres. Gauge 0.52 mm
Tracks (base)	Twin rows of UT52/Rx GTEC 52 mm U Tracks. Gauge 0.52 mm
Tracks (soffit)	Twin rows of UDT52/B GTEC 52 mm Deep Flange U Tracks. Gauge 0.7 mm
Head Condition	Head tracks fixed to underside of soffit at maximum 600 mm centres as per the Siniat detail
Bracing type and centres	VBRACE GTEC Acoustic V-Brace bracket construction at maximum 1500 mm centres between each pair of twin studs. Brace extended with MFPC44 GTEC Primary channel
Framing components	Framing components to be hot dipped galvanised steel to BS EN 10346:2009. Sections rolled to BS EN 10162:2003. All studs and tracks conform to BS EN 14195:2005
Plasterboard linings	Inner layer of GTEC 15 mm dB Board each side. Outer layer of GTEC 15 mm dB Board each side
Boarding installation	Stagger all board joints between layers and opposing partition faces
Horizontal board joints	Install joint support to horizontal board joints on outer layer utilising FS50/Rx GTEC Flat Strap
Wet areas	Substitute outer layer for 15 mm GTEC Fire MR Board to wet areas
Patressing	Install 15 mm WBP plywood on GTEC MFCS Shallow Wall Channels fixed to stud frame 300 mm FFL to 1800 mm FFL to bathroom sides as required to meet design criteria and all as per the GTEC detail
Secure By Design	15 mm WBP plywood on GTEC MFCS Shallow Wall Channels fixed to stud frame on attack sides as required to suit SBD requirements and as per the GTEC detail
Plasterboard fixings	All as per the current Siniat Limited Drywall Manual recommendations
Inner layer size	32 mm GTEC Performance Self Tapping Screws all at maximum 600 mm centres
Outer layer size	45 mm GTEC Performance Self Tapping Screws all at maximum 300 mm centres
Cavity insulation	Glass Mineral Wool
Density (kg/m^3)	16 kg/m^3
Thickness (mm)	50 mm
Insulation fixing	All as per the current Siniat Limited Drywall Manual recommendations

SINIAT GTEC® METAL STUD PARTITION

Acoustic/Fire Protection	Apply 6 mm continuous beads of GTEC Intumescent Acoustic Sealant around the perimeter of the framing or to the outer layers of board, ensuring that all air-paths are sealed. GTEC Socket Pads should be used on electrical outlets, to maintain partition performance
Finishes	All as per the current Siniat Limited Drywall Manual recommendations. Outer boards should be smoke taped full height as a minimum regardless of any sacrificial layers.
Type of finish	GTEC taping and jointing system using appropriate GTEC jointing materials and GTEC Paper Joint Tapes
Sealer coat	Apply undiluted across the whole drylined surface by brush or roller to coverage rate specified by Siniat Limited
Type of sealer	GTEC Universal Sealer or GTEC Drywall Sealer
General Construction Notes	Plywood patresses fitted between studs to accommodate any heavy wall mounted fixtures, dependent on load. In order to achieve the required performances, all Siniat GTEC systems should be constructed to BS 8212:1995 Code of practice for drylining and partitioning using gypsum plasterboard, as well as BS 8000 Workmanship on building sites Part 8:1989 Code of practice for plasterboard partitions and drylinings

Maximum Height = 5300mm
Nominal Thickness = 300mm
Fire Rating = 90 mins
Sound Rating = 64 RwdB, -7Ctr
BS5234 Grade = Severe



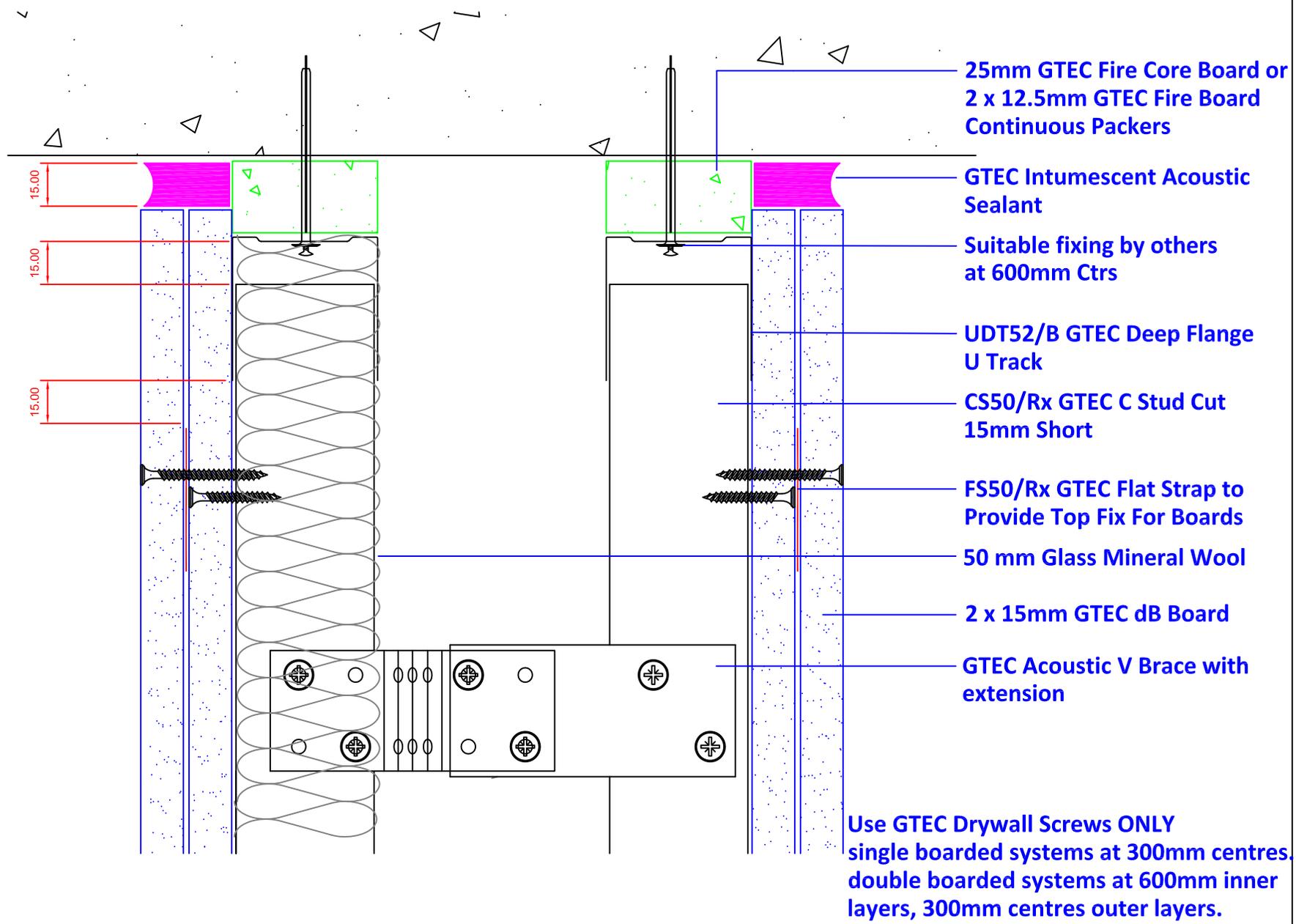
Use GTEC Drywall Screws ONLY
single boarded systems at 300mm centres.
double boarded systems at 600mm inner
layers, 300mm centres outer layers.

All performance data & system specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufacturers materials or components invalidates both test data and system performance. The information is provided in good faith and is based upon details received, which are assumed to include all relevant facts. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients who should then produce accepted details on their own company documentation. None of the content may be copied directly without prior approval from Siniat Technical Services.

WALL TYPE 1 - METAL STUD SEPARATING PARTITION BETWEEN DWELLINGS AND COMMUNAL AREAS (WHERE NO KITCHENS OCCUR) TO ACHIEVE MINIMUM 60 MINUTES FIRE AND Dntw + Ctr 45dB

DATE:	SCALE:	DRAWN BY:
2015	NTS	SINIAT
GTEC REF:		
RSP 038 (300 mm)		
ALL DIMENSIONS IN MILLIMETRES (mm)		





- 25mm GTEC Fire Core Board or 2 x 12.5mm GTEC Fire Board Continuous Packers
- GTEC Intumescent Acoustic Sealant
- Suitable fixing by others at 600mm Ctrs
- UDT52/B GTEC Deep Flange U Track
- CS50/Rx GTEC C Stud Cut 15mm Short
- FS50/Rx GTEC Flat Strap to Provide Top Fix For Boards
- 50 mm Glass Mineral Wool
- 2 x 15mm GTEC dB Board
- GTEC Acoustic V Brace with extension

Use GTEC Drywall Screws ONLY
 single boarded systems at 300mm centres,
 double boarded systems at 600mm inner
 layers, 300mm centres outer layers.

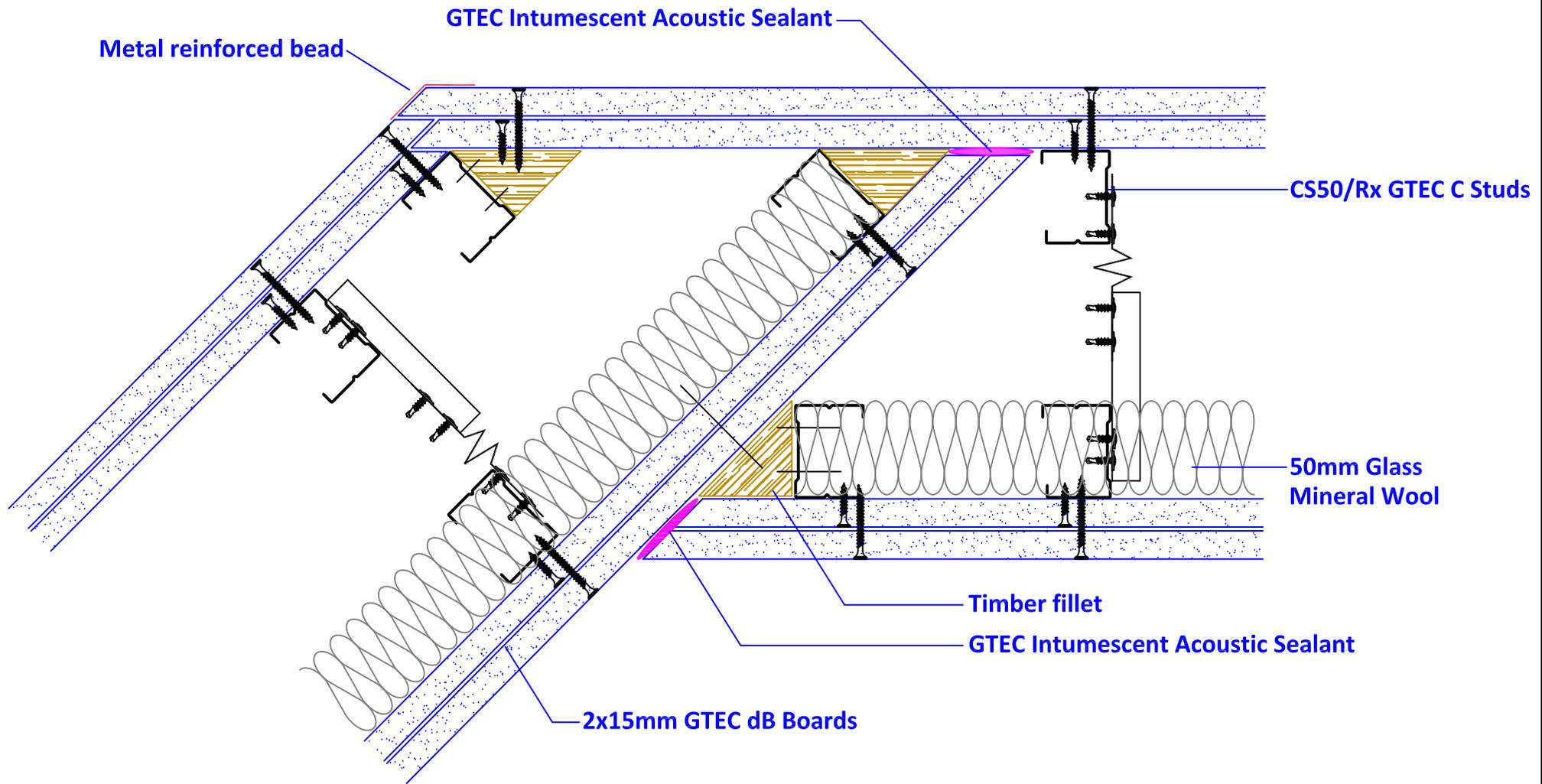
All performance data & system specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufacturers materials or components invalidates both test data and system performance.
 The information is provided in good faith and is based upon details received, which are assumed to include all relevant facts. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss.
 Acceptance of the content and subsequent design responsibility rests entirely with the recipients who should then produce accepted details on their own company documentation. None of the content may be copied directly without prior approval from Siniat Technical Services.

WALL TYPE 1 - METAL STUD SEPARATING PARTITION BETWEEN DWELLINGS AND COMMUNAL AREAS (WHERE NO KITCHENS OCCUR) TO ACHIEVE MINIMUM 60 MINUTES FIRE AND Dntw + Ctr 45dB

©SINIAT LTD, Technical Services, Gordano House, Marsh Lane, Easton-in-Gordano, Bristol, BS20 0NF

DATE: 2015	SCALE: NTS	DRAWN BY: SINIAT
GTEC REF: RSP 038 (300 mm) 15 mm Deflection Head		
ALL DIMENSIONS IN MILLIMETRES (mm)		





Use GTEC Drywall Screws ONLY
 single boarded systems at 300mm centres.
 double boarded systems at 600mm inner
 layers, 300mm centres outer layers.

All performance data & system specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufacturers materials or components invalidates both test data and system performance. The information is provided in good faith and is based upon details received, which are assumed to include all relevant facts. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients who should then produce accepted details on their own company documentation. None of the content may be copied directly without prior approval from Siniat Technical Services.

WALL TYPE 1 - METAL STUD SEPARATING PARTITION BETWEEN DWELLINGS AND COMMUNAL AREAS (WHERE NO KITCHENS OCCUR) TO ACHIEVE MINIMUM 60 MINUTES FIRE AND Dntw + Ctr 45dB

-©SINIAT LTD, Technical Services, Gordano House, Marsh Lane, Easton-in-Gordano, Bristol, BS20 0NF

DATE: 2015	SCALE: NTS	DRAWN BY: SINIAT
GTEC REF: RSP 038 (300 mm) 135° Corner ALL DIMENSIONS IN MILLIMETRES (mm)		

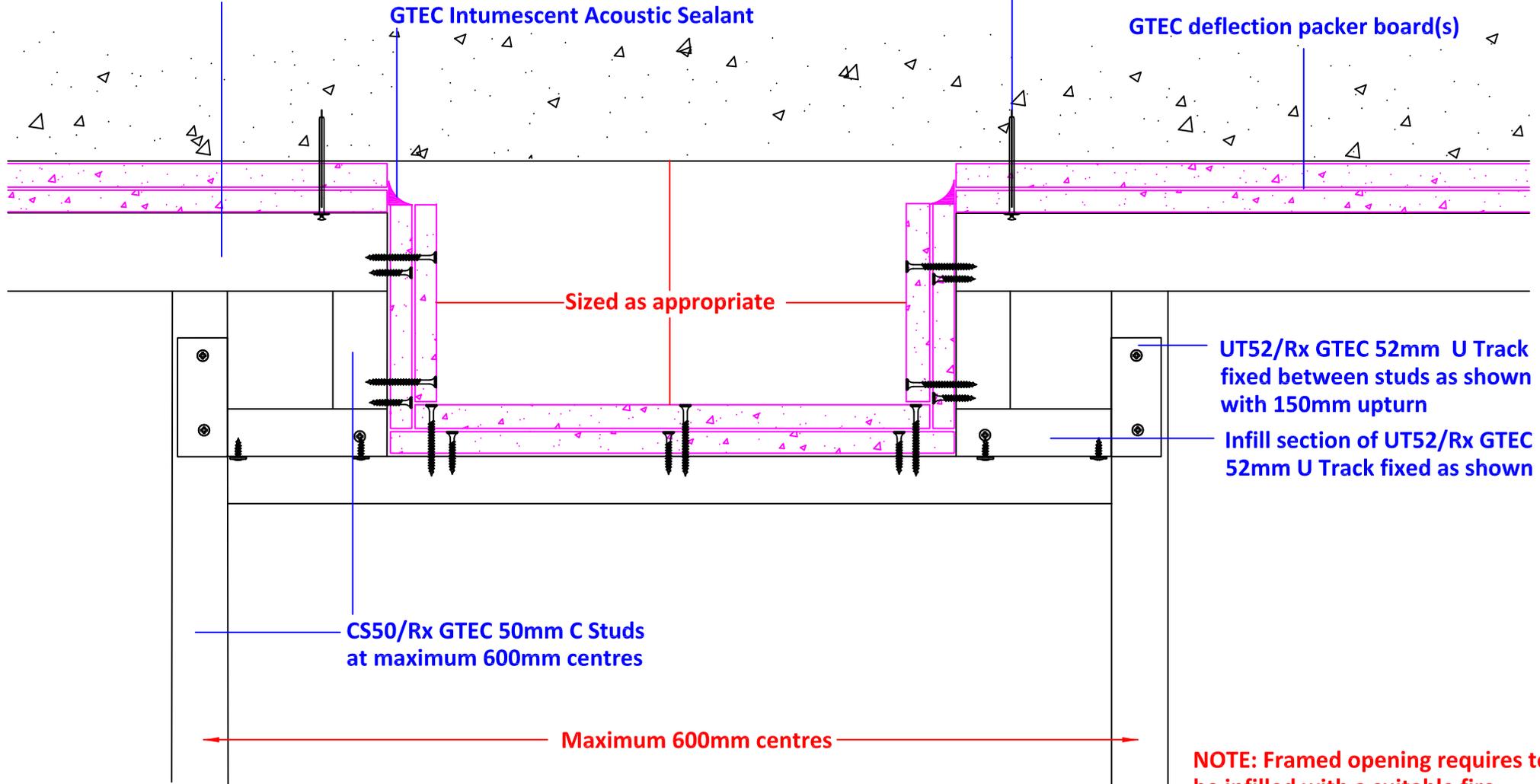


UDT52/B GTEC 52mm Deep Flange U Track

Fixings as per manufacturers recommendations

GTEC Intumescent Acoustic Sealant

GTEC deflection packer board(s)



Sized as appropriate

UT52/Rx GTEC 52mm U Track fixed between studs as shown with 150mm upturn

Infill section of UT52/Rx GTEC 52mm U Track fixed as shown

CS50/Rx GTEC 50mm C Studs at maximum 600mm centres

Maximum 600mm centres

NOTE: Framed opening requires to be infilled with a suitable fire stopping material that also maintains the minimum acoustic performance underwritten by the manufacturer

Use GTEC Drywall Screws ONLY
single boarded systems at 300mm centres.
double boarded systems at 600mm inner layers, 300mm centres outer layers.

All performance data & system specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufacturers materials or components invalidates both test data and system performance.
 The information is provided in good faith and is based upon details received, which are assumed to include all relevant facts. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss.
 Acceptance of the content and subsequent design responsibility rests entirely with the recipients who should then produce accepted details on their own company documentation.
 None of the content may be copied directly without prior approval from Siniat Technical Services.

WALL TYPE 1 - METAL STUD SEPARATING PARTITION BETWEEN DWELLINGS AND COMMUNAL AREAS (WHERE NO KITCHENS OCCUR) TO ACHIEVE MINIMUM 60 MINUTES FIRE AND Dntw + Ctr 45dB

DATE:
2015

SCALE:
NTS

DRAWN BY:
SINIAT

GTEC REF:
LETTERBOX DETAIL

©SINIAT LTD, Technical Services, Gordano House, Marsh Lane, Easton-in-Gordano, Bristol, BS20 0NF

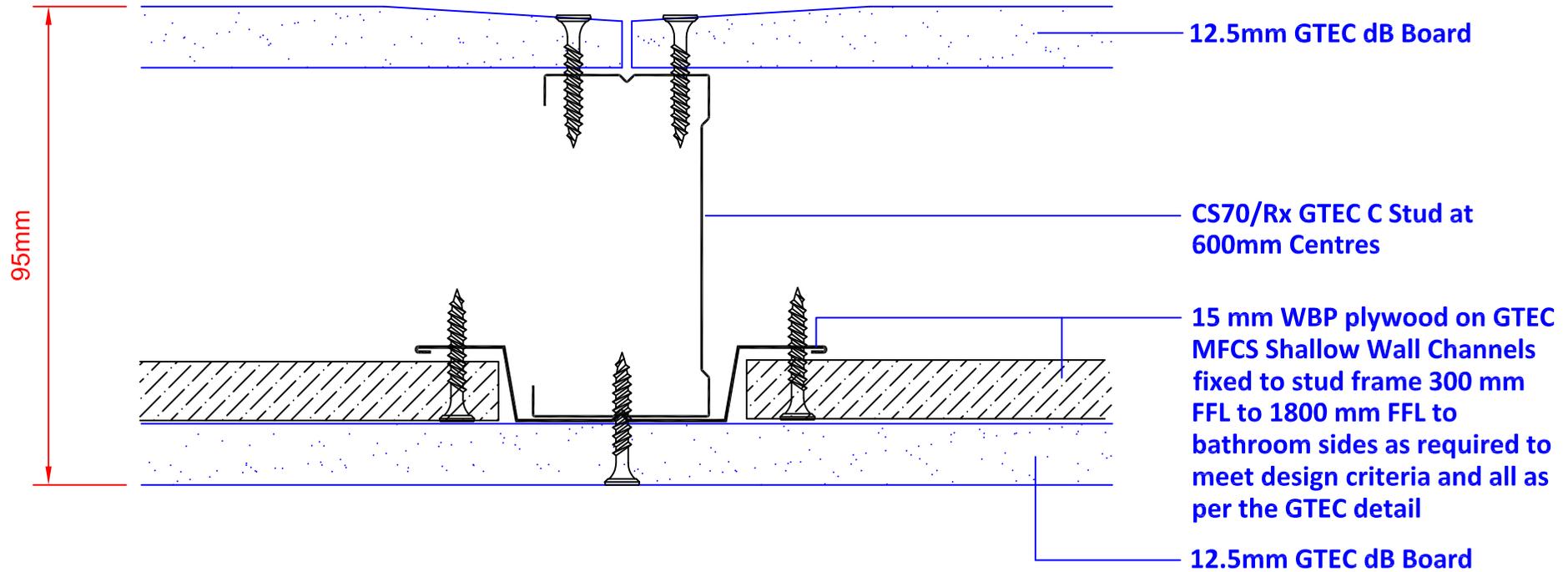
ALL DIMENSIONS IN MILLIMETRES (mm)



SYSTEM SPECIFICATION AND DETAILS

SINIAT GTEC® METAL STUD PARTITION	
System type and location	WALL TYPE 2 – INTERNAL METAL STUD PARTITION WITHIN DWELLINGS
Manufacturer	Siniat Limited. Tel: 01275 377789
Siniat system reference	GTEC Metal Stud Partition System RSP 006
CAD Reference	RSP 006
Nominal thickness (mm)	95 mm
Performance	
Maximum height (mm)	3500 mm
Fire resistance (minutes)	30 minutes
Sound insulation (R _w dB)	40 R _w dB
BS5234 duty grade	Severe Duty (where applicable).
Deflection tolerance (mm)	15 mm (to be confirmed by structural engineer)
Framing Installation	All as per the current Siniat Limited Drywall Manual recommendations.
Studs	CS70/Rx GTEC 70 mm C Studs at 600 mm centres. (400 mm centres if to be tiled). Gauge 0.52 mm
Tracks (base)	UT72/Rx GTEC 72 mm U Tracks. Gauge 0.52 mm
Tracks (soffit)	UDT72/B GTEC 72 mm Deep Flange U Tracks. Gauge 0.7 mm
Head Condition	Head tracks fixed to underside of soffit at maximum 600 mm centres as per the Siniat detail
Framing components	Framing components to be hot dipped galvanised steel to BS EN 10346:2009. Sections rolled to BS EN 10162:2003. All studs and tracks conform to BS EN 14195:2005
Plasterboard linings	Single layer of 12.5 mm GTEC dB Board each side
Boarding installation	Stagger all board joints on opposing partition faces
Horizontal board joints	Install joint support to horizontal board joints utilising FS50/Rx GTEC Flat Strap
Wet areas	Substitute outer layer for 15 mm GTEC Fire MR Board to wet areas
Patressing	Install 15 mm WBP plywood on GTEC MFCS Shallow Wall Channels fixed to stud frame 300 mm FFL to 1800 mm FFL to bathroom sides as required to meet design criteria and all as per the GTEC detail
Plasterboard fixings	All as per the current Siniat Limited Drywall Manual recommendations
Screw size	32 mm GTEC Performance Self Tapping Screws all at maximum 300 mm centres
Cavity insulation	Not required
Acoustic/Fire Protection	Apply 6 mm continuous beads of GTEC Intumescent Acoustic Sealant around the perimeter of the framing or to the outer layers of board, ensuring that all air-paths are sealed. GTEC Socket Pads should be used on electrical outlets, to maintain partition performance
Finishes	All as per the current Siniat Limited Drywall Manual recommendations. Outer boards should be smoke taped full height as a minimum regardless of any sacrificial layers
Type of finish	GTEC 'Deco' taping and jointing system using appropriate GTEC Deco jointing materials and GTEC Paper Joint Tapes or skim plaster onto Universal Board.
Sealer coat	Apply undiluted across the whole drylined surface by brush or roller to coverage rate specified by Siniat Limited
Type of sealer	GTEC Universal Sealer or GTEC Drywall Sealer
General Construction Notes	Plywood patresses fitted between studs to accommodate any heavy wall mounted fixtures, dependent on load. In order to achieve the required performances, all Siniat GTEC systems should be constructed to BS 8212:1995 Code of practice for drylining and partitioning using gypsum plasterboard, as well as BS 8000 Workmanship on building sites Part 8:1989 Code of practice for plasterboard partitions and drylinings

Maximum Height = 3500mm
Nominal Thickness = 95mm
Fire Rating = 30 mins
Sound Rating = 40 RwdB
BS5234 Grade = Medium



Use GTEC Drywall Screws ONLY
single boarded systems at 300mm centres.
double boarded systems at 600mm inner
layers, 300mm centres outer layers.

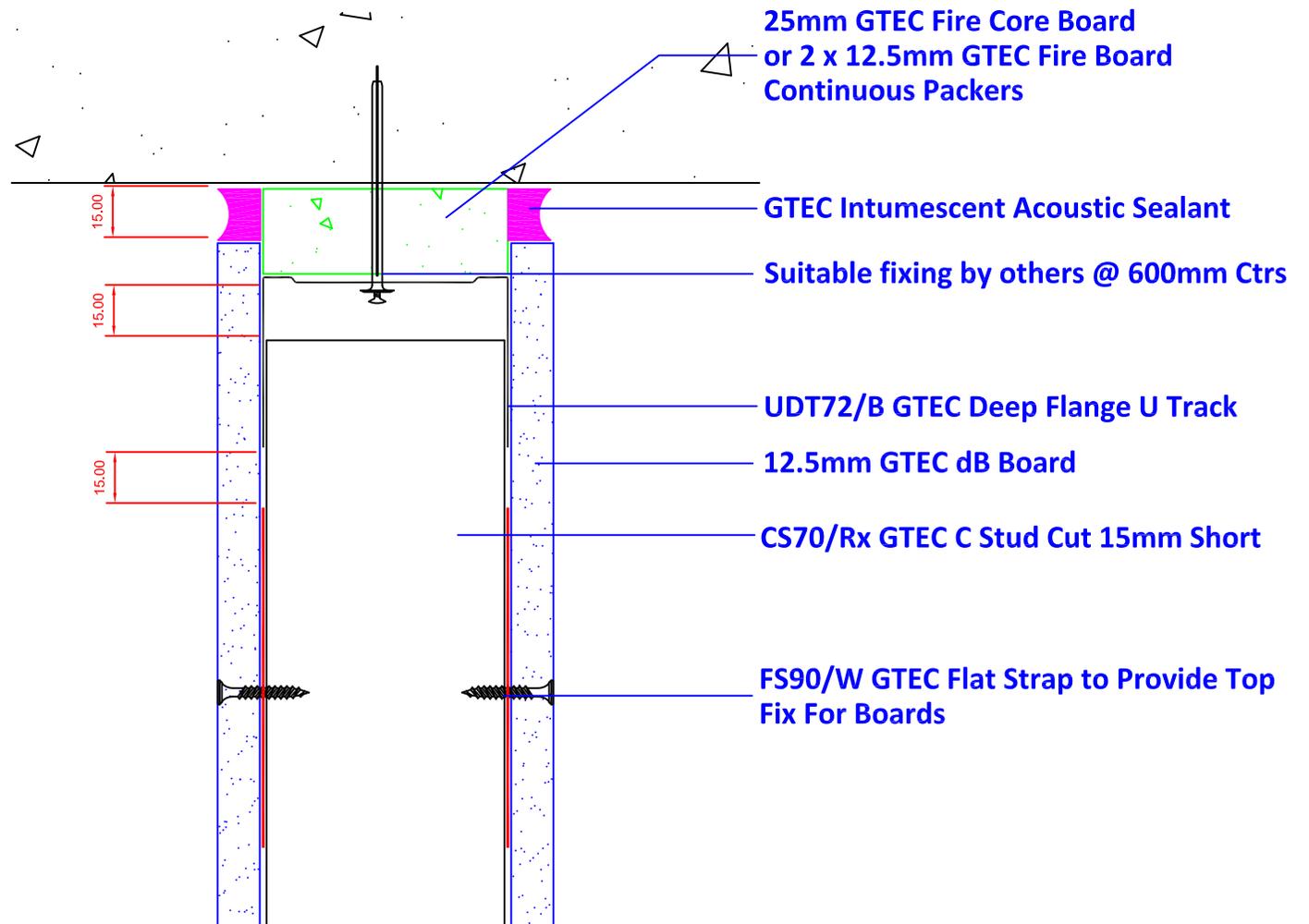
All performance data & system specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufacturers materials or components invalidates both test data and system performance. The information is provided in good faith and is based upon details received, which are assumed to include all relevant facts. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients who should then produce accepted details on their own company documentation. None of the content may be copied directly without prior approval from Siniat Technical Services.

WALL TYPE 2 - INTERNAL METAL STUD PARTITION WITHIN DWELLINGS

- ©SINIAT LTD, Technical Services, Gordano House, Marsh Lane, Easton-in-Gordano, Bristol, BS20 0NF

DATE:	SCALE:	DRAWN BY:
2015	NTS	SINIAT
GTEC REF:		
RSP 006		
ALL DIMENSIONS IN MILLIMETRES (mm)		





25mm GTEC Fire Core Board
or 2 x 12.5mm GTEC Fire Board
Continuous Packers

GTEC Intumescent Acoustic Sealant

Suitable fixing by others @ 600mm Ctrs

UDT72/B GTEC Deep Flange U Track

12.5mm GTEC dB Board

CS70/Rx GTEC C Stud Cut 15mm Short

FS90/W GTEC Flat Strap to Provide Top
Fix For Boards

Use GTEC Drywall Screws ONLY
single boarded systems at 300mm centres.
double boarded systems at 600mm inner
layers, 300mm centres outer layers.

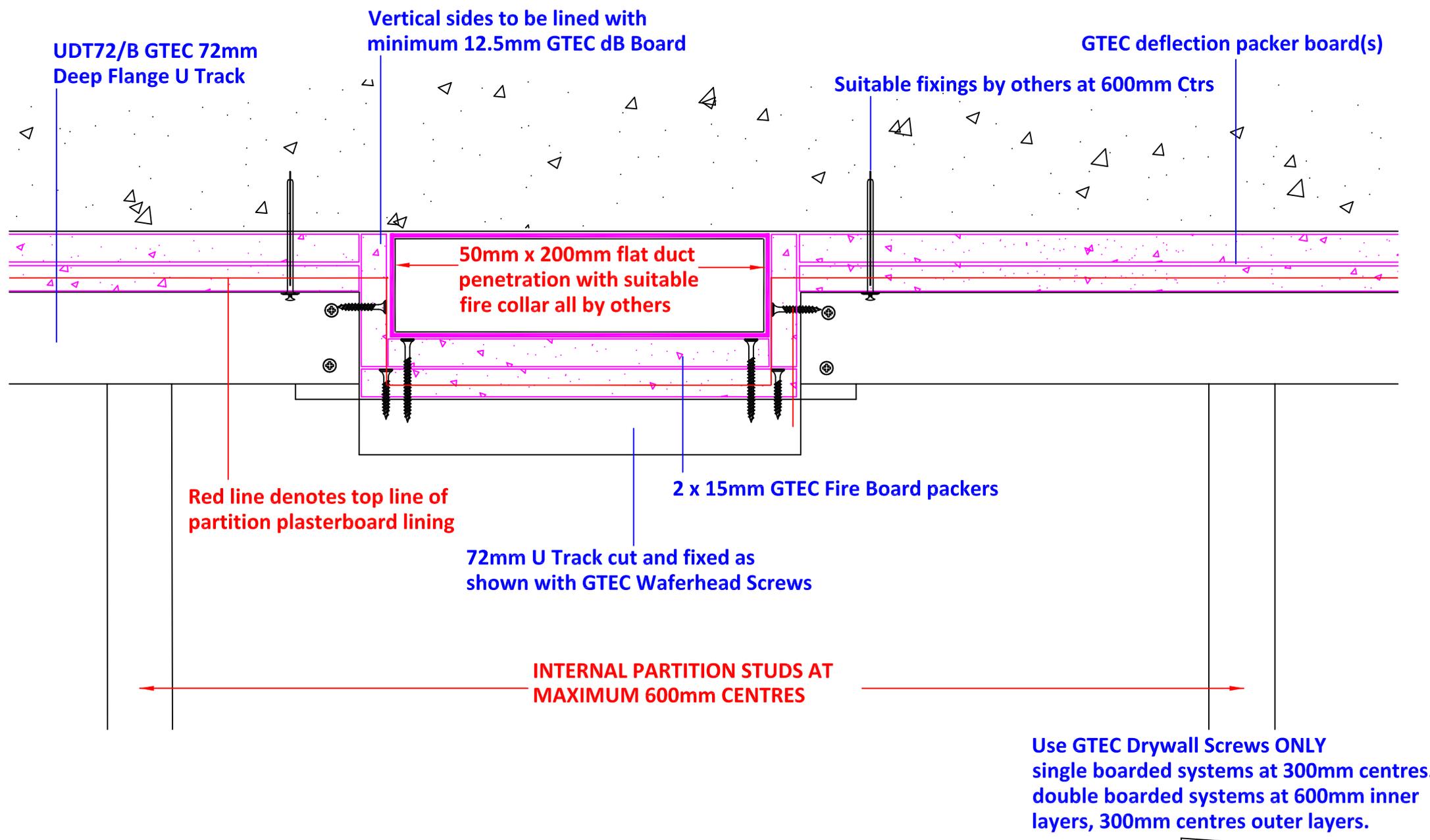
All performance data & system specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufacturers materials or components invalidates both test data and system performance. The information is provided in good faith and is based upon details received, which are assumed to include all relevant facts. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients who should then produce accepted details on their own company documentation. None of the content may be copied directly without prior approval from Siniat Technical Services.

WALL TYPE 2 - INTERNAL METAL STUD PARTITION WITHIN DWELLINGS

-©SINIAT LTD, Technical Services, Gordano House, Marsh Lane, Easton-in-Gordano, Bristol, BS20 0NF

DATE: 2015	SCALE: NTS	DRAWN BY: SINIAT
GTEC REF: RSP 006 15 mm Deflection Head <small>ALL DIMENSIONS IN MILLIMETRES (mm)</small>		





UDT72/B GTEC 72mm
Deep Flange U Track

Vertical sides to be lined with
minimum 12.5mm GTEC dB Board

GTEC deflection packer board(s)

Suitable fixings by others at 600mm Ctrs

50mm x 200mm flat duct
penetration with suitable
fire collar all by others

Red line denotes top line of
partition plasterboard lining

2 x 15mm GTEC Fire Board packers

72mm U Track cut and fixed as
shown with GTEC Waferhead Screws

INTERNAL PARTITION STUDS AT
MAXIMUM 600mm CENTRES

Use GTEC Drywall Screws ONLY
single boarded systems at 300mm centres.
double boarded systems at 600mm inner
layers, 300mm centres outer layers.

All performance data & system specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufacturers materials or components invalidates both test data and system performance. The information is provided in good faith and is based upon details received, which are assumed to include all relevant facts. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients who should then produce accepted details on their own company documentation. None of the content may be copied directly without prior approval from Siniat Technical Services.

WALL TYPE 2 - INTERNAL METAL STUD PARTITION WITHIN DWELLINGS

-©SINIAT LTD, Technical Services, Gordano House, Marsh Lane, Easton-in-Gordano, Bristol, BS20 0NF

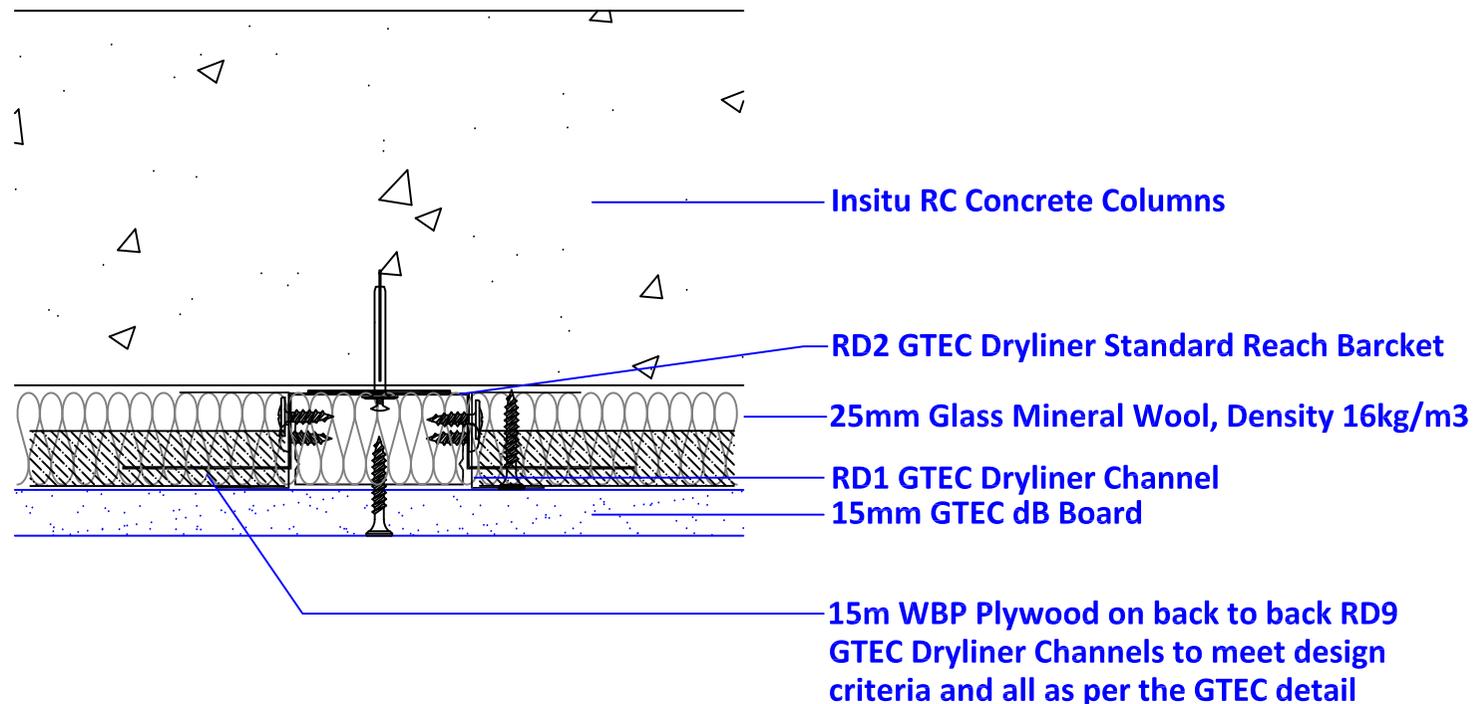
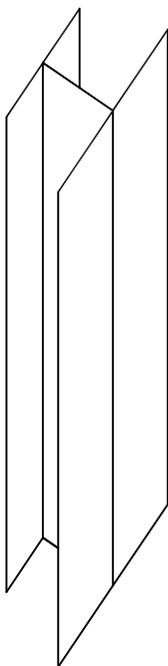
DATE: 2015	SCALE: NTS	DRAWN BY: SINIAT
GTEC REF: Flat duct opening		
ALL DIMENSIONS IN MILLIMETRES (mm)		



SYSTEM SPECIFICATION AND DETAILS

SINIAT GTEC® DRYLINER WALL LINING	
System type and location	WALL TYPE 3 - DRYLINER LINING TO RC CONCRETE COLUMNS BETWEEN DWELLINGS
Manufacturer	Siniat Limited. Tel: 01275 377789
Siniat system reference	GTEC Dryliner wall lining system
CAD reference	Wall Type 3
Background	Insitu RC concrete columns
Lining thickness (mm)	40 mm (Excluding finishes)
Clear cavity width (mm)	25 mm
Performance	
Sound insulation (R _w dB)	Refer to project acoustic report
Deflection tolerance (mm)	Refer to the GTEC detail
Framing installation	All as per the current Siniat Limited Drywall Manual recommendations.
Type of fixing brackets	RD2 GTEC Dryliner Brackets at 800 mm vertical centres
Channels	RD1 GTEC Dryliner Channels at 600mm centres. (400mm centres in toilets if tiled) Gauge 0.55 mm
Tracks (Base)	RD9 GTEC Dryliner Tracks. Gauge 0.52 mm
Tracks (Soffit)	RD9 GTEC Dryliner Tracks. Gauge 0.52 mm
Head condition	RD9 Head tracks fixed to underside of soffit at maximum 300 mm centres as per the relevant GTEC detail
Framing components	Framing components to be hot dipped galvanised steel to BS EN 10346:2009. Sections rolled to BS EN 10162:2003. All studs and tracks conform to BS EN 14195:2005
Plasterboard linings	Single layer of 15 mm GTEC dB Board room side
Boarding installation	Stagger all board joints between layers
Horizontal board joints	Install joint support to horizontal board joints utilising FS50/Rx GTEC Flat Strap
Plasterboard fixings	All as per the current Siniat Limited Drywall Manual recommendations
Screw size	32 mm GTEC Performance Self Tapping Screws all at maximum 300 mm centres
Cavity insulation	Glass Mineral Wool
Density (kg/m ³)	16 kg/m ³
Thickness (mm)	25 mm
Insulation fixing	All as per the current Siniat Limited Drywall Manual recommendations
Acoustic/Fire Protection	Apply 6 mm continuous beads of GTEC Intumescent Acoustic Sealant around the perimeter of the framing or to the outer layers of board, ensuring that all air-paths are sealed. GTEC Socket Pads should be used on electrical outlets, to maintain partition performance
Finishes	All as per the current Siniat Limited Drywall Manual recommendations. Outer boards should be smoke taped full height as a minimum regardless of any sacrificial layers
Type of finish	GTEC taping and jointing system using appropriate GTEC jointing materials and GTEC Paper Joint Tapes
Sealer coat	Apply undiluted across the whole drylined surface by brush or roller to coverage rate specified by Siniat Limited
Type of sealer	GTEC Universal Sealer generally and GTEC Drywall Sealer to wet areas
General Construction Notes	Plywood patresses fitted between studs to accommodate any heavy wall mounted fixtures, dependent on load. In order to achieve the required performances, all GTEC systems should be constructed to BS 8212:1995 Code of practice for drylining and partitioning using gypsum plasterboard, as well as BS 8000 Workmanship on building sites Part 8:1989 Code of practice for plasterboard partitions and drylinings

***Back to Back RD9 GTEC Dryliner Tracks screwed together at 300mm centres and placed over RD1 GTEC Dryliner Channels between the RD2 GTEC Dryliner Bracket with Plywood slotted into the opposite side.**



**Use GTEC Drywall Screws ONLY
single boarded systems at 300mm centres.
double boarded systems at 600mm inner
layers, 300mm centres outer layers.**

All performance data & system specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufacturers materials or components invalidates both test data and system performance. The information is provided in good faith and is based upon details received, which are assumed to include all relevant facts. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients who should then produce accepted details on their own company documentation. None of the content may be copied directly without prior approval from Siniat Technical Services.

WALL TYPE 3 - DRYLINER LINING TO RC CONCRETE COLUMNS BETWEEN DWELLINGS

-©SINIAT LTD, Technical Services, Gordano House, Marsh Lane, Easton-in-Gordano, Bristol, BS20 0NF

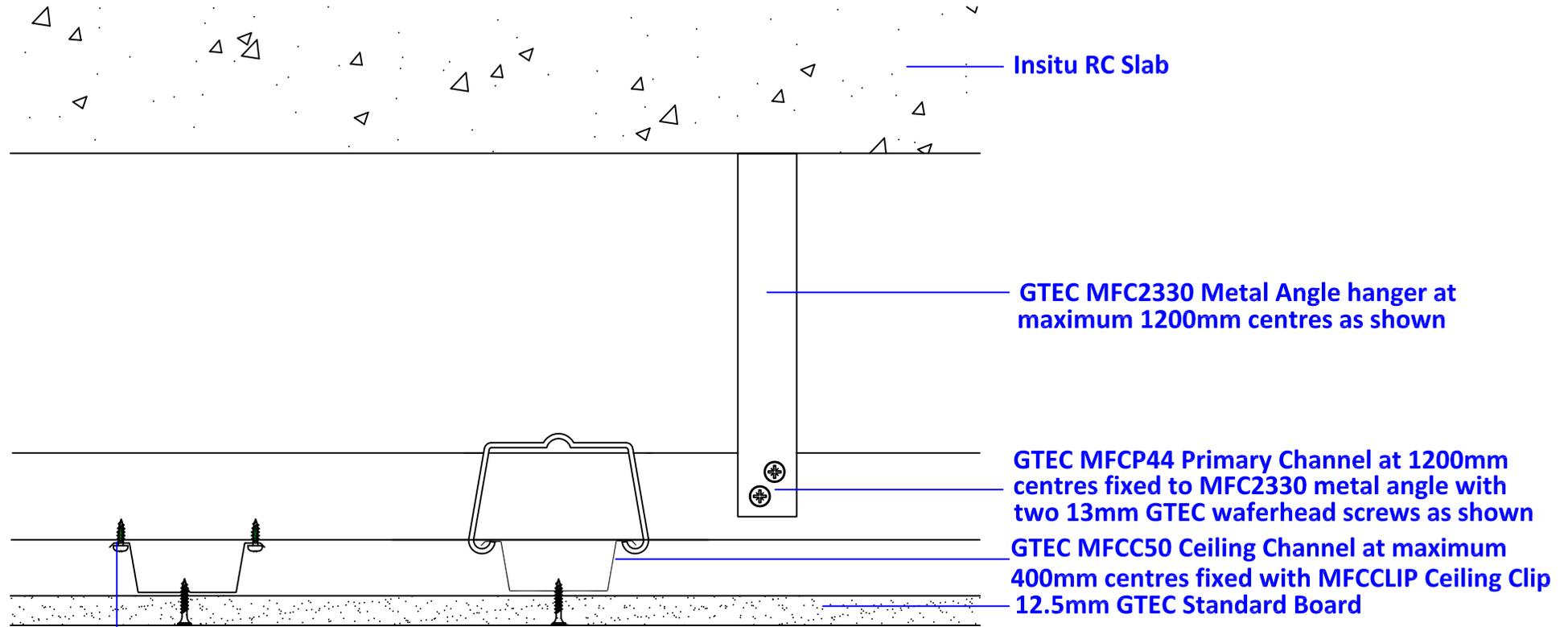
DATE: 2015	SCALE: NTS	DRAWN BY: SINIAT
GTEC REF: Wall Type 3 - Lining		
ALL DIMENSIONS IN MILLIMETRES (mm)		



SYSTEM SPECIFICATION AND DETAILS

SINIAT GTEC® METAL FURRING SUSPENDED CEILING	
System type and location	CEILING TYPE 1 – METAL FURRING SUSPENDED CEILING WITHIN COMMUNAL CORRIDORS
Structural soffit	In situ RC Slab
Manufacturer	Siniat Limited. Tel: 01275 377789
Siniat system reference	GTEC metal furring suspended ceiling system RCC 016
CAD reference	RCC 016
Performance	Part E Compliant
Framing installation	All as per the current Siniat Limited Drywall Manual recommendations
Suspension hangers	MFC2330 GTEC Metal Angle hangers at maximum 1200 mm centres
Edge Channels	MFCE26 GTEC Edge Channels fixed at maximum 600 mm centres to perimeter and installed to opposite edges of MFCC50 Ceiling Channels
Primary Channels	MFCP44 GTEC Primary Channels spaced at maximum 1200 mm centres to the length of the corridor and spaced 120 mm from ceiling perimeters
Ceiling Channels	MFCC50 GTEC Ceiling Channels spaced at maximum 450 mm centres at right angles to corridor and fixed into MFCE26 Edge Channels at both ends with GTEC 13 mm Waferhead screws
Maximum loadings	Where ceiling weight exceeds 25 kg/m ² use 12 mm GTEC Wafer Head Self Drilling Screws instead of connecting Clips
Framing components	Framing components to be hot dipped galvanised steel to BS EN 10346:2009. Sections rolled to BS EN 10162:2003
Plasterboard linings	Single layer 15 mm GTEC Standard Board
Boarding installation	All as per the current Siniat Limited Drywall Manual recommendations
Plasterboard fixings	All as per the current Siniat Limited Drywall Manual recommendations
Screw size	25 mm GTEC Self Tapping Screws all at maximum 230 mm centres in the field of the board and 150 mm at cut edges and perimeter of the room
Insulation to void	Not required
Acoustic Sealant	Apply 6 mm continuous beads of GTEC Intumescent Acoustic Sealant around the perimeter of the framing or to the outer layers of board, ensuring that all air-paths are sealed
Finishes	All as per the current Siniat Limited Drywall Manual recommendations. Outer boards should be smoke taped as a minimum regardless of any sacrificial layers
Type of finish	GTEC taping and jointing system using appropriate GTEC jointing materials and GTEC Paper Joint Tapes
Sealer coat	Apply undiluted across the whole drylined surface by brush or roller to coverage rate specified by Siniat Limited
Type of sealer	GTEC Universal Sealer or GTEC Drywall Sealer
General construction	In order to achieve the required performances, all Siniat GTEC systems should be constructed to BS 8212:1995 Code of practice for drylining and partitioning using gypsum plasterboard, as well as BS 8000 Workmanship on building sites Part 8:1989 Code of practice for plasterboard partitions and drylinings

Weight = 11 kg/m²



Alternative MFCC50 fixing detail using two 12mm GTEC Panhead screws

**Note:
12.5mm GTEC Moisture Board To Wet Areas**

**Use GTEC Drywall Screws ONLY
To all layers, screws at 230mm centers in the field of the board, 150mm at cut edges and perimeter of room.**

All performance data & system specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufacturers materials or components invalidates both test data and system performance. The information is provided in good faith and is based upon details received, which are assumed to include all relevant facts. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients who should then produce accepted details on their own company documentation. None of the content may be copied directly without prior approval from Siniat Technical Services.

CEILING TYPE 1 - METAL FRAMING SUSPENDED CEILING WITHIN COMMUNAL CORRIDORS

-©SINIAT LTD, Technical Services, Gordano House, Marsh Lane, Easton-in-Gordano, Bristol, BS20 0NF

DATE: 2015	SCALE: NTS	DRAWN BY: SINIAT
GTEC REF: RCC 016		
ALL DIMENSIONS IN MILLIMETRES (mm)		



GB Orderline

For placing orders, delivery enquiries,
local stockists etc.

☎ 0800 373636

📠 01275 377700

✉ orderline@siniat.co.uk

Technical Services Department

☎ 0800 373636 or 01275 379031

📠 01275 379032

✉ customer.support@siniat.co.uk

Technical Enquiryline

Advisory service.

☎ 0800 145 6033 or 01275 377789

📠 01275 377456

✉ enquiryline@siniat.co.uk

The Training Centre

For all drywall training needs from basic
introduction to advanced skills and development.

☎ 01275 377581

✉ training@siniat.co.uk

Literatureline

For Siniat literature.

☎ 01275 377582

✉ literatureline@siniat.co.uk

GTEC® Wasteline Direct

Plasterboard waste management enquiries.

☎ 01275 377579

📠 01275 774950

✉ gtecwasteline@siniat.co.uk

Siniat Limited

Marsh Lane, Easton-in-Gordano,
Bristol BS20 0NE

☎ +44 (0)1275 377773

🌐 www.siniat.co.uk

