GypWall

Classic

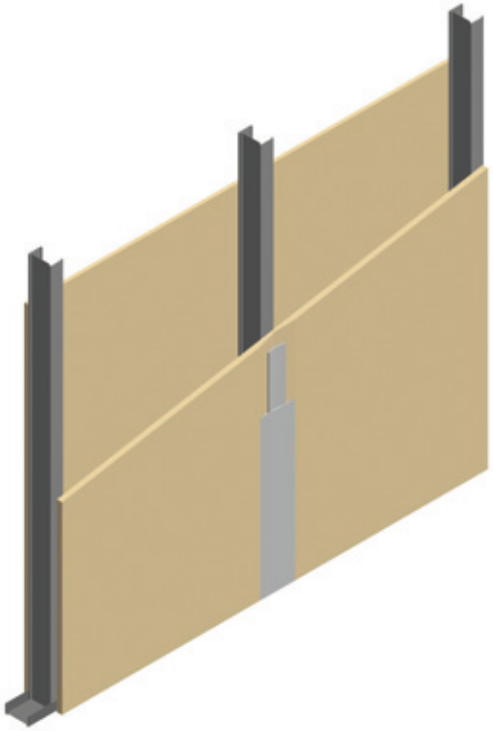
Gyproc
SAINT-GOBAIN

GypWall Classic Systems

Is the industry's original lightweight, non load bearing drywall system providing cost effective, multipurpose solutions for all types of buildings.

Key facts

- Accommodates services within the drywall cavity
- Lightweight alternative to traditional constructions
- Fire resistance up to 60 minutes
- Donn UltraSTEEL™ framework will not twist or warp
- Ability to achieve a smooth finish
- Can be painted, wallpapered and tiled easier
- Corners and edges are straight and sharp
- Less material wastage, cleaner site conditions
- Environmentally friendly products
- Versatile with the ability to create arches and recesses easily



Applications

A wide range of applications.

Sector

Commercial | Retail | Hospitality | Apartments

Performance

Sound insulation range from 39dB – 46dB

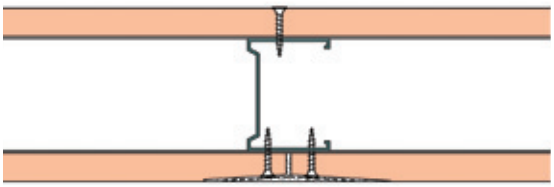
Fire rating up to 30 - 60 minutes.

Cover: Radisson, Sandton

Performance

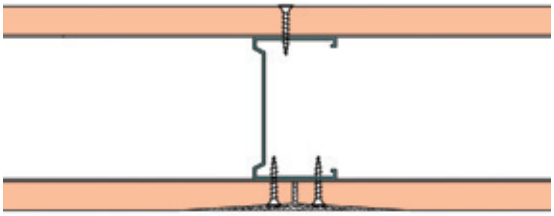
1 GypWall Classic 51/F30S39

1 layer Gyproc RhinoBoard 12.5mm fixed to both sides of the framework using Gyproc RhinoBoard Sharp Point Screws 3.5mm diameter x 25mm at maximum 220mm centres. All joints shall be staggered. In wet areas replace face layer of Gyproc RhinoBoard 12.5mm with Gyproc MoistureResistant 12.5mm. Framework consisting of Donn UltraSTEEL™ Studs 51mm x 35mm friction fitted into top and bottom Donn UltraSTEEL Track 51mm x 25mm at 600mm centres. Apply Gyproc RhinoTape to all joints and internal corners. Install Donn Corner Bead to all external corners.



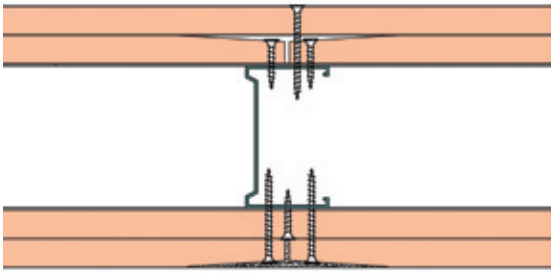
2 GypWall Classic 63/F30S42

1 layer Gyproc RhinoBoard 12.5mm fixed to both sides of the framework using Gyproc RhinoBoard Sharp Point Screws 3.5mm diameter x 25mm at maximum 220mm centres. All joints shall be staggered. In wet areas replace face layer of Gyproc RhinoBoard 12.5mm with Gyproc MoistureResistant 12.5mm. Framework consisting of Donn UltraSTEEL™ Studs 63.5mm x 35mm friction fitted into top and bottom Donn UltraSTEEL Track 63.5mm x 25mm at 600mm centres. Apply Gyproc RhinoTape to all joints and internal corners. Install Donn Corner Bead to all external corners.



3 GypWall Classic 63/F60S46

2 layers Gyproc RhinoBoard 12.5mm fixed to both sides of the framework using Gyproc RhinoBoard Sharp Point Screws 3.5mm diameter x 25mm (for base layer) Gyproc RhinoBoard Sharp Point Screws 3.5mm diameter x 42mm (for face layer) and at maximum 220mm centres. All joints shall be staggered. In wet areas replace face layer of Gyproc RhinoBoard 12.5mm with Gyproc MoistureResistant 12.5mm. Framework consisting of Donn UltraSTEEL™ Studs 63.5mm x 35mm friction fitted into top and bottom Donn UltraSTEEL Track 63.5mm x 25mm at 600mm centres. Apply Gyproc RhinoTape to all joints and internal corner. Install Donn Corner Bead to all external corners.



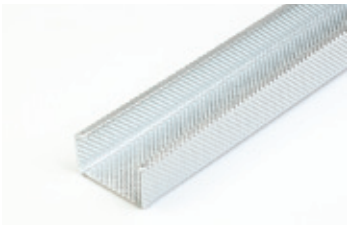
Detail	System name	Stud size (mm)	Board type	Lining thickness* (mm)	Cavity insulation (mm)	Fire rating (min)	Sound rating R_w dB	Nominal thickness (mm)	Maximum allowable height** stud spacing		
									600mm	400mm	300mm
1	**GypWall Classic 51/F30S39**	51	Classic	1x12.5	-	30	39	76	2600	2900	3100
2	**GypWall Classic 63/F30S42**	63.5	Classic	1x12.5	-	30	42	89	3100	3500	3800
3	**GypWall Classic 63/F60S46**	63.5	Classic	2x12.5	-	60	46	114	4200	4400	4600

*Lining thickness on both sides of the framework.

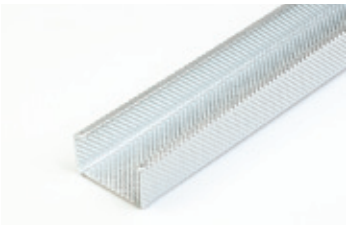
**Based on limiting deflection of L/240 at 200Pa.

System Components

Metal products



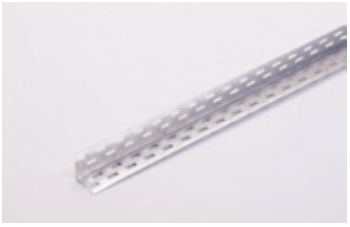
Donn UltraSTEEL
Stud 63.5mm



Donn UltraSTEEL
Stud 51mm

Donn UltraSTEEL
Track 63.5mm

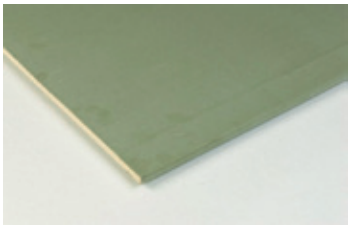
Donn UltraSTEEL
Track 51mm



Donn Corner Bead

Board products

Gyproc RhinoBoard 12.5mm



Gyproc RhinoBoard
MoistureResistant 12.5mm

Finishing products

Gyproc RhinoBoard Sharp Point Screws 25mm

Gyproc RhinoLite Multipurpose Plaster

Gyproc RhinoBoard Sharp Point Screws 42mm

Gyproc RhinoLite Projection Plaster

Donn Wafer Tek Screw 13mm

Gyproc RhinoGlide

SoundSeal

Gyproc RhinoTape

Note: These are the components found in the GypWall Classic systems. Please refer to the specific guidelines for that system's specific components.

GypWall Classic | 51/F30S39

Nominal thickness (excluding finishes): **114mm**

Performance criteria


SANS 10177: Part 2: 30 minutes


SANS ISO 140-3:1995: Rw 39dB

Framework

Studs:	Donn UltraSTEEL™ Studs 51mm x 35mm at 600mm centres. In areas with tile finishes, reduce stud spacing to 400mm centres.
Floor track:	Donn UltraSTEEL™ Track 51mm x 25mm fixed with one line of spaced at 600mm centres.
Head track:	Donn UltraSTEEL™ Track 51mm x 25mm fixed with one line of fixings spaced at 600mm centres. Adequate support shall be provided for the head track.

Apply two continuous beads of SoundSeal between the building structure and the framework.

Lining

1 layer Gyproc RhinoBoard 12.5mm, sheet width 1200mm; fixed to both sides of framing. All joints shall be staggered.
In wet areas replace face layer of Gyproc RhinoBoard 12.5mm with Gyproc MoistureResistant 12.5mm.
Screws first lining layer: Gyproc RhinoBoard Sharp Point Screws 3.5mm diameter x 25mm at maximum 220mm centres.

Finishing

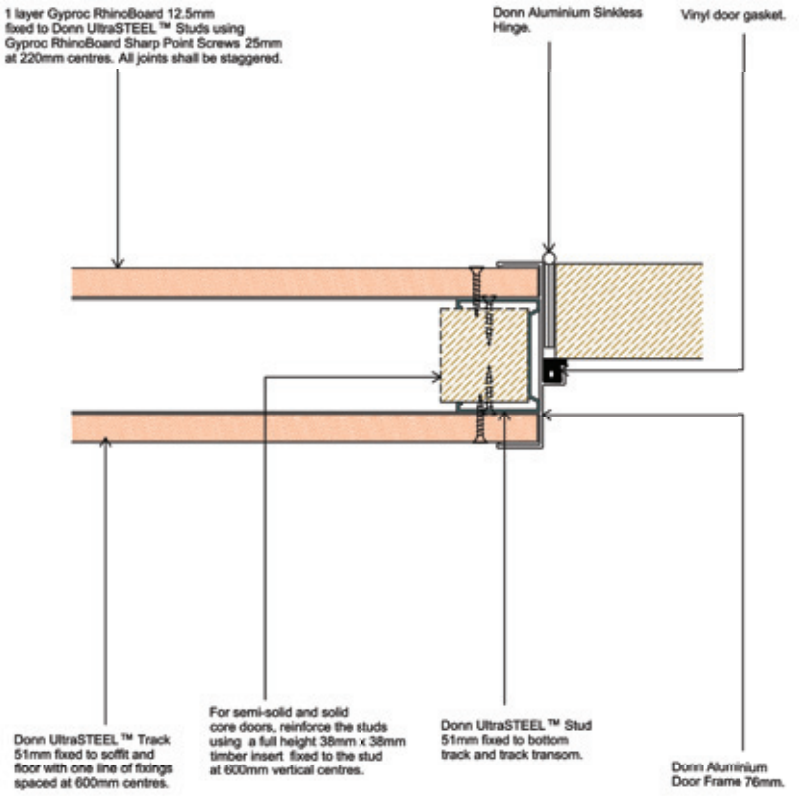
Jointed Finishing:
Apply Gyproc RhinoTape to all joints and internal corners.
Apply Donn Corner Bead embedded in Gyproc RhinoGlide plaster to all external corners.
Cover Gyproc RhinoTape with two layers of Gyproc RhinoGlide.
Paint using a good quality oil based plaster primer. Apply paint as required.

Skimmed Finishing:
Apply Gyproc RhinoTape to all joints and internal corners.
Apply Donn Corner Bead embedded in Gyproc RhinoLite plaster to all external corners.
Cover Gyproc RhinoTape with one layer of Gyproc RhinoLite. Skim the surface using one layer of Gyproc RhinoLite.
Paint using a good quality oil based plaster primer. Apply paint as required.

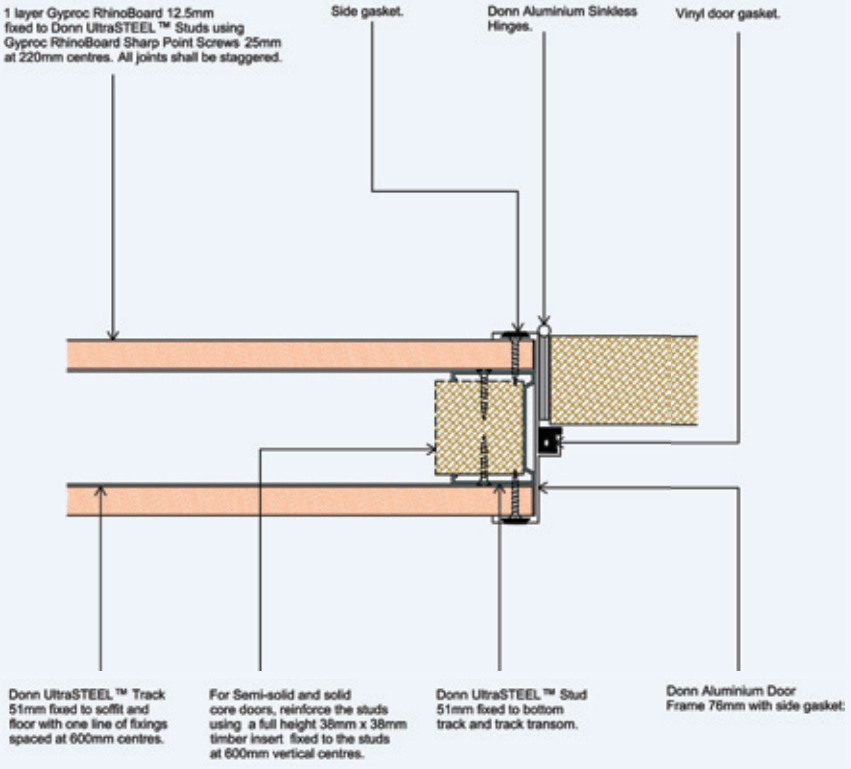
NB To be read with Drywall design guidelines and Drywall Finishings documents.

GypWall Classic 51/F30S39 Illustration

Aluminium door frame

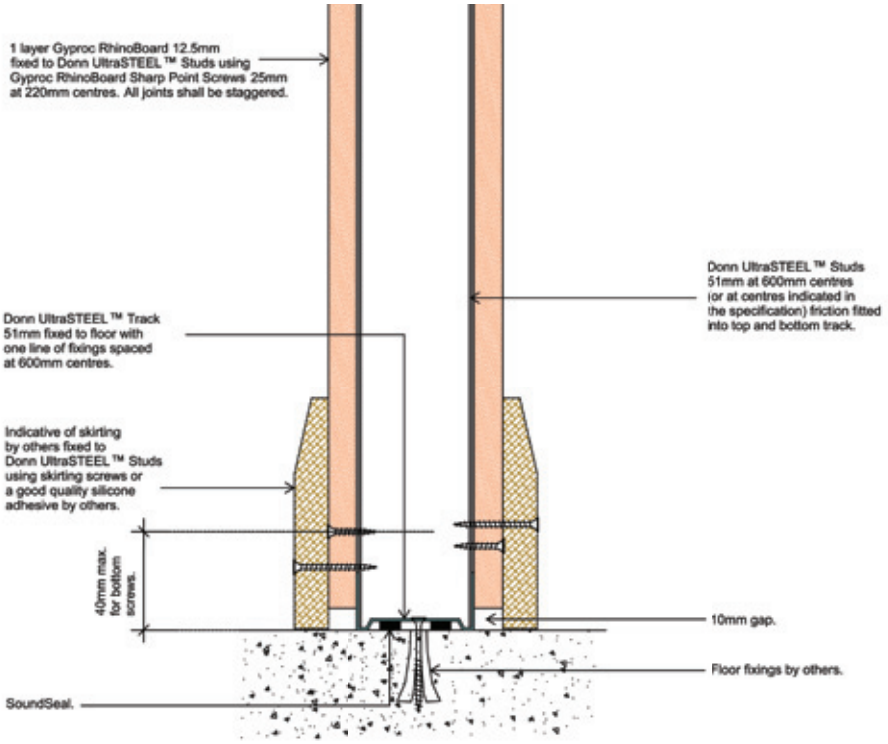


Aluminium door frame

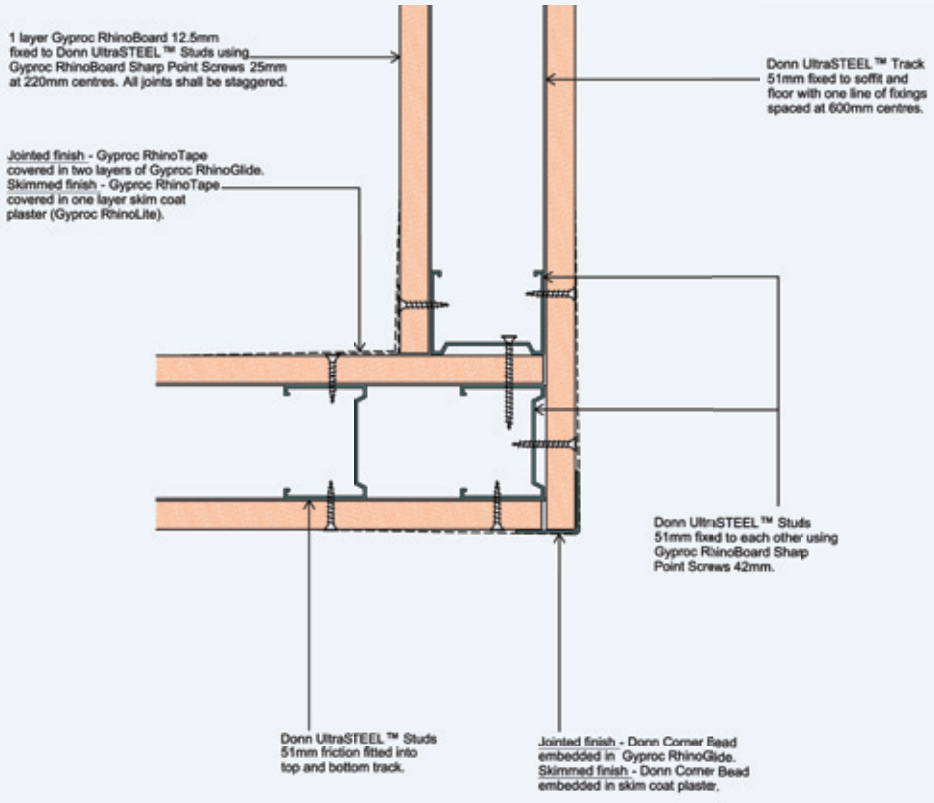


GypWall Classic 51/F30S39 Illustration

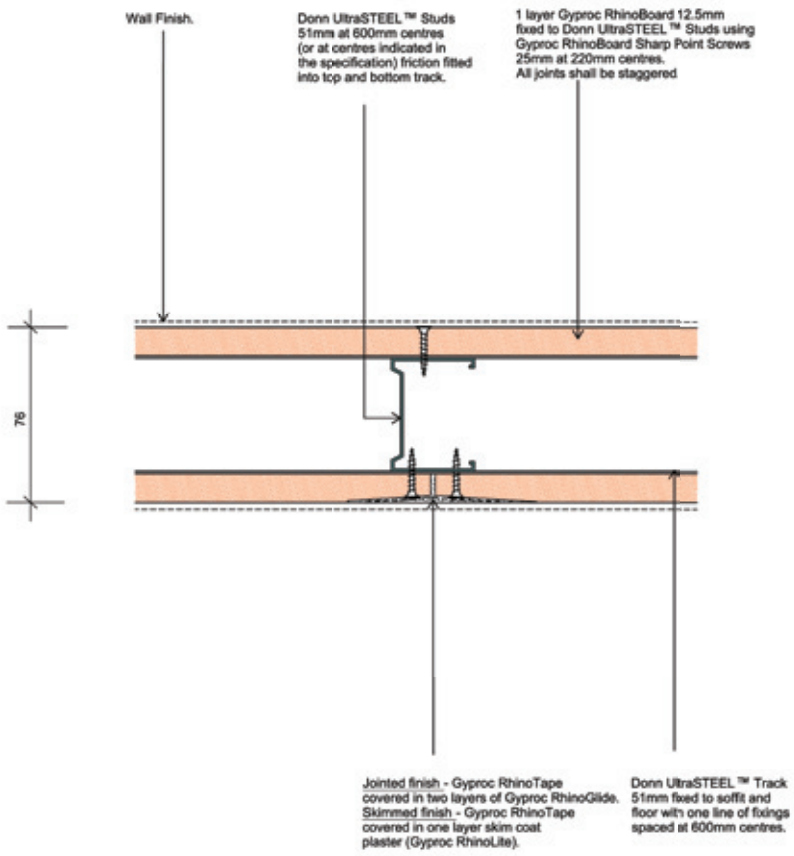
Base



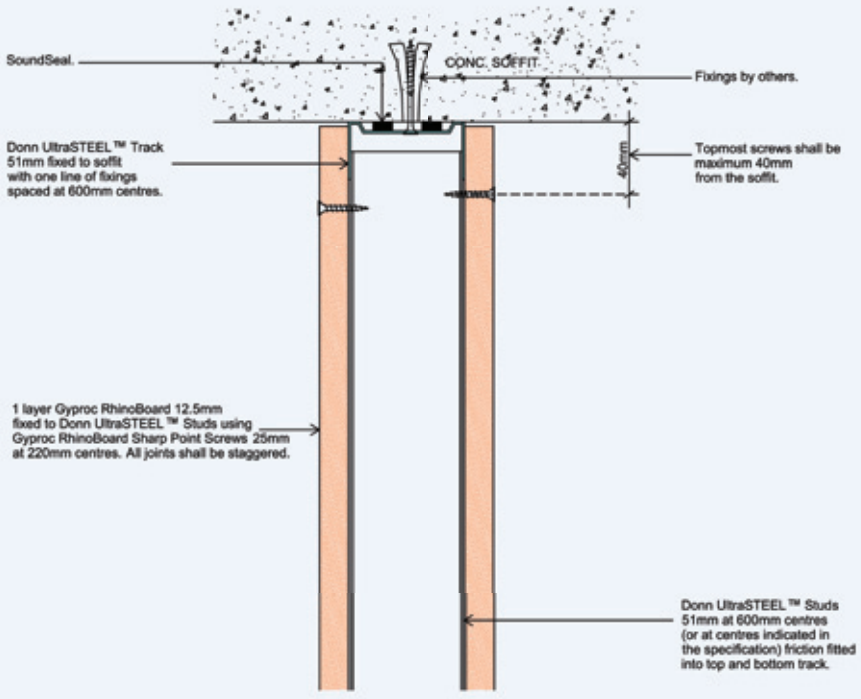
Corner detail



Layout

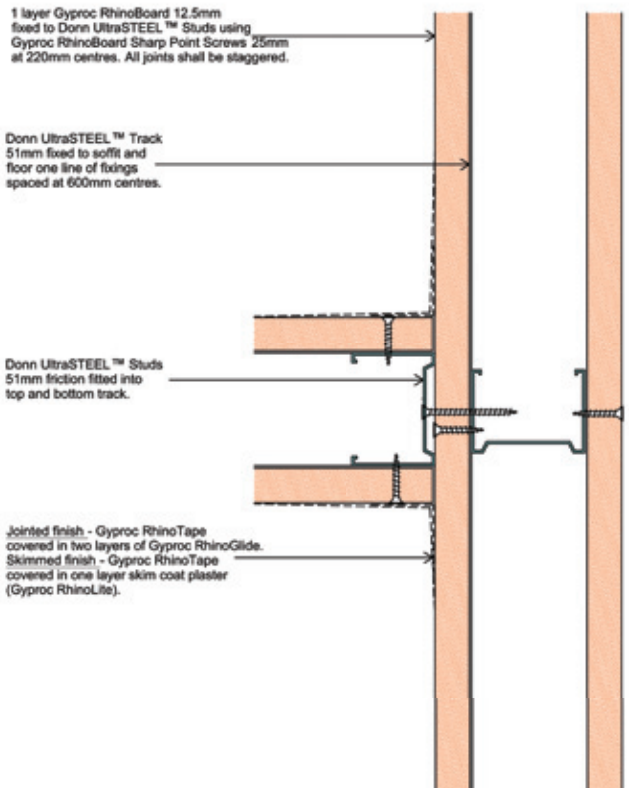


Head detail

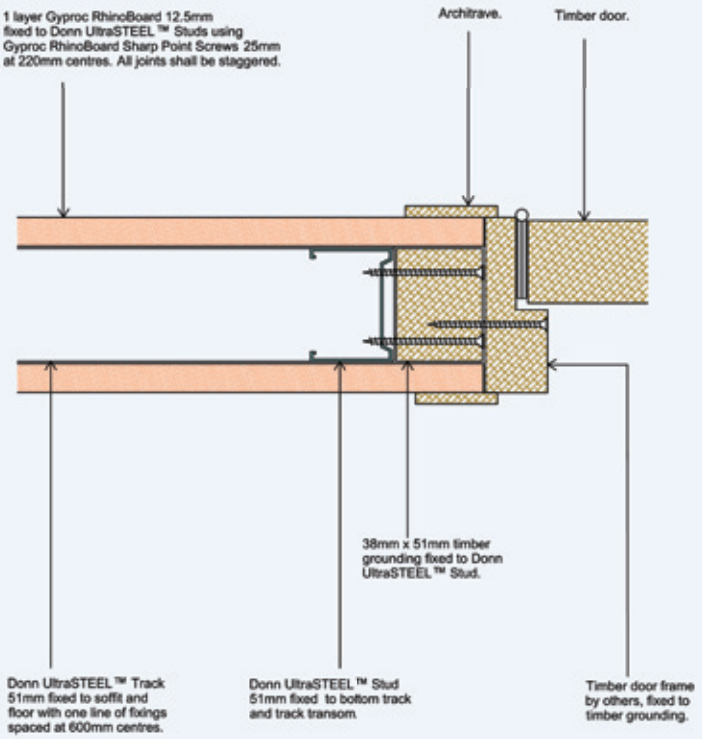


GypWall Classic 51/F30S39 Illustration

T-Junction



Timber door frame



The Pearls, residential apartments, Umhlanga

GypWall Classic | 63/F30S42

Nominal thickness (excluding finishes): **89mm**

Performance criteria


SANS 10177: Part 2: 30 minutes


SANS ISO 140-3: 1995: Rw 42dB

Framework

Studs:	Donn UltraSTEEL™ Studs 63.5mm x 35mm at 600mm centres at 600mm centres. In areas with tile finishes, reduce stud spacing to 400mm centres.
Floor track:	Donn UltraSTEEL™ Track 63.5mm x 35mm fixed with one line of spaced at 600mm centres.
Head track:	Donn UltraSTEEL™ Track 63.5mm x 25mm fixed with one line of fixings spaced at 600mm centres. Adequate support shall be provided for the head track. Donn Deep Track 63.5mm x 40mm shall be used in areas subject to deflection.
Deflection allowance:	Shall be determined by the project structural engineer.

Apply two continuous beads of SoundSeal between the building structure and the framework.

Lining

1 layer Gyproc RhinoBoard 12.5mm, sheet width 1200mm; fixed to both sides of framing. All joints shall be staggered.
In wet areas replace face layer of Gyproc RhinoBoard 12.5mm with Gyproc MoistureResistant 12.5mm.
Screws first lining layer: Gyproc RhinoBoard Sharp Point Screws 3.5mm diameter x 25mm at maximum 220mm centres.

Finishing

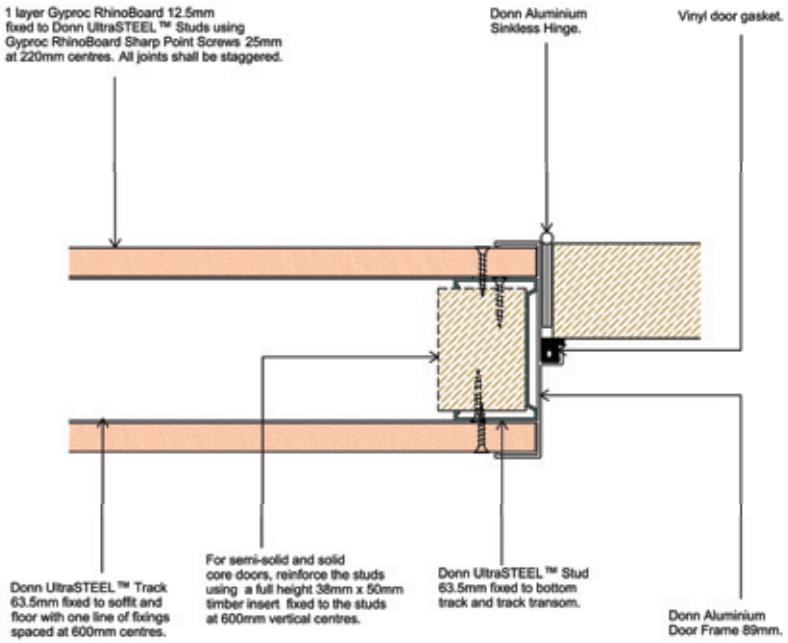
Jointed Finishing:
Apply Gyproc RhinoTape to all joints and internal corners.
Apply Donn Corner Bead embedded in Gyproc RhinoGlide plaster to all external corners.
Cover Gyproc RhinoTape with two layers of Gyproc RhinoGlide.

Skimmed Finishing:
Apply Gyproc RhinoTape to all joints and internal corners.
Apply Donn Corner Bead embedded in Gyproc RhinoLite plaster to all external corners.
Cover Gyproc RhinoTape with one layer of Gyproc RhinoLite. Skim the surface using one layer of Gyproc RhinoLite.
Paint using a good quality oil based plaster primer. Apply paint as required.

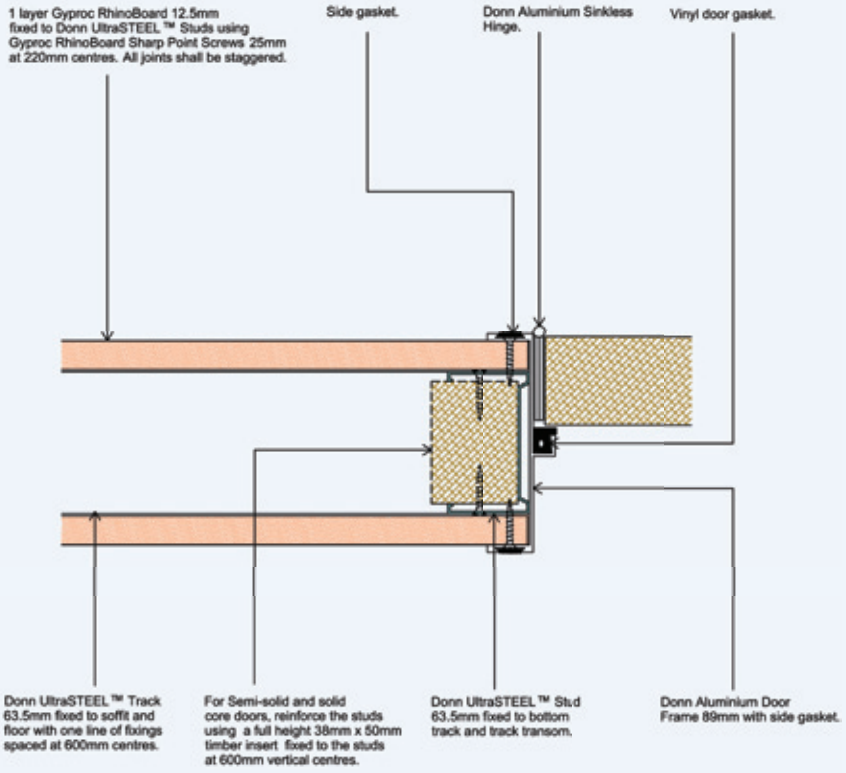
NB To be read with Drywall design guidelines and Drywall Finishings documents.

GypWall Classic 63/F30S42 Illustration

Door frame

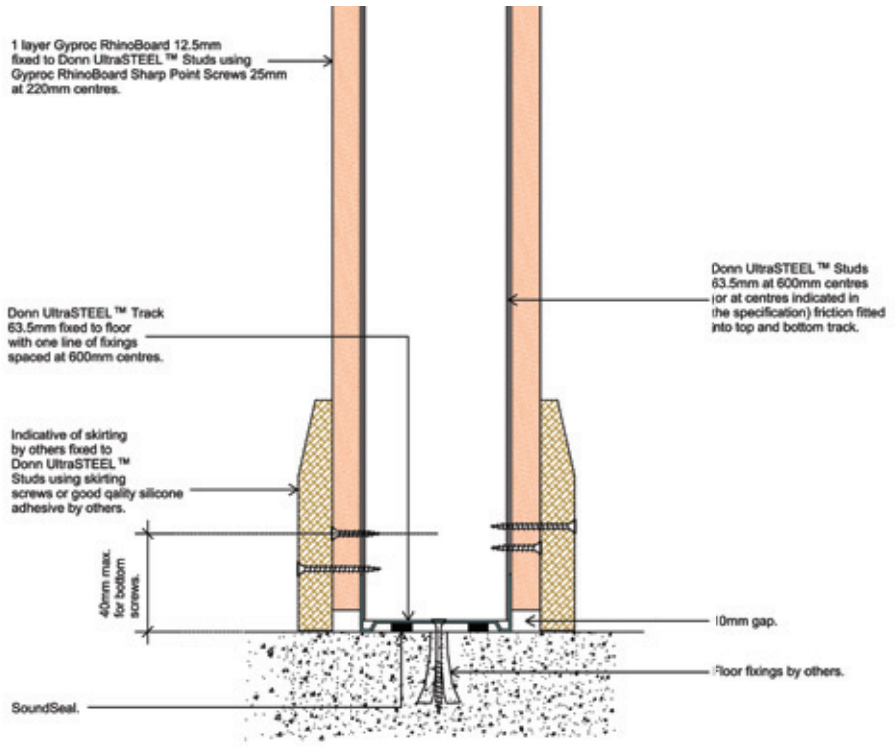


Door frame

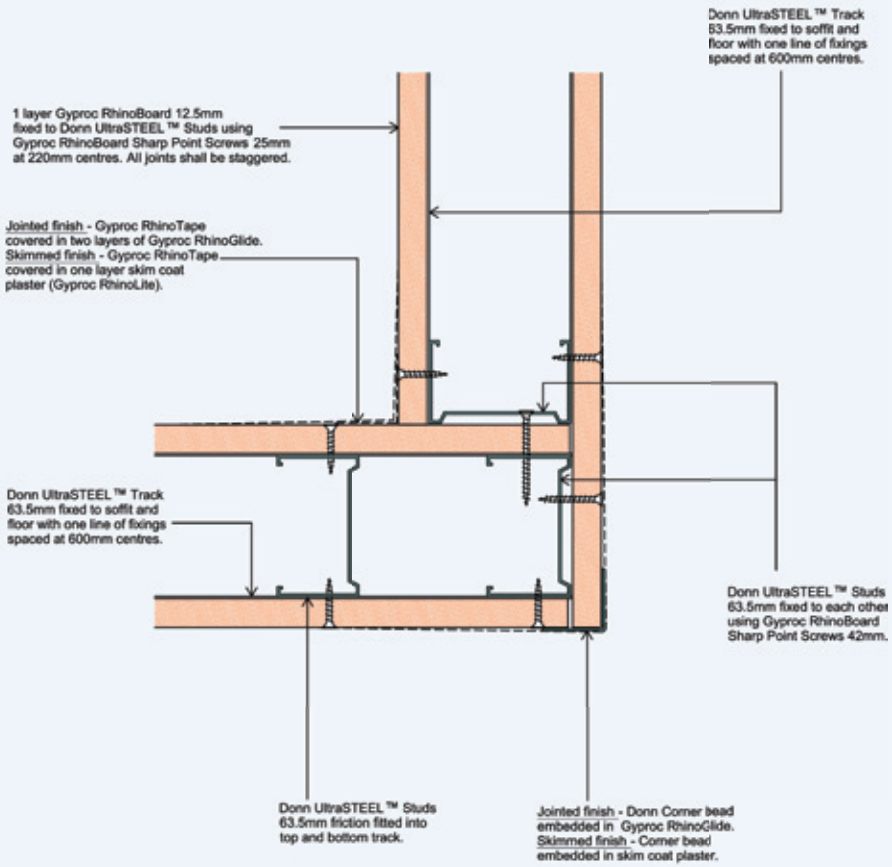


GypWall Classic 63/F30S42 Illustration

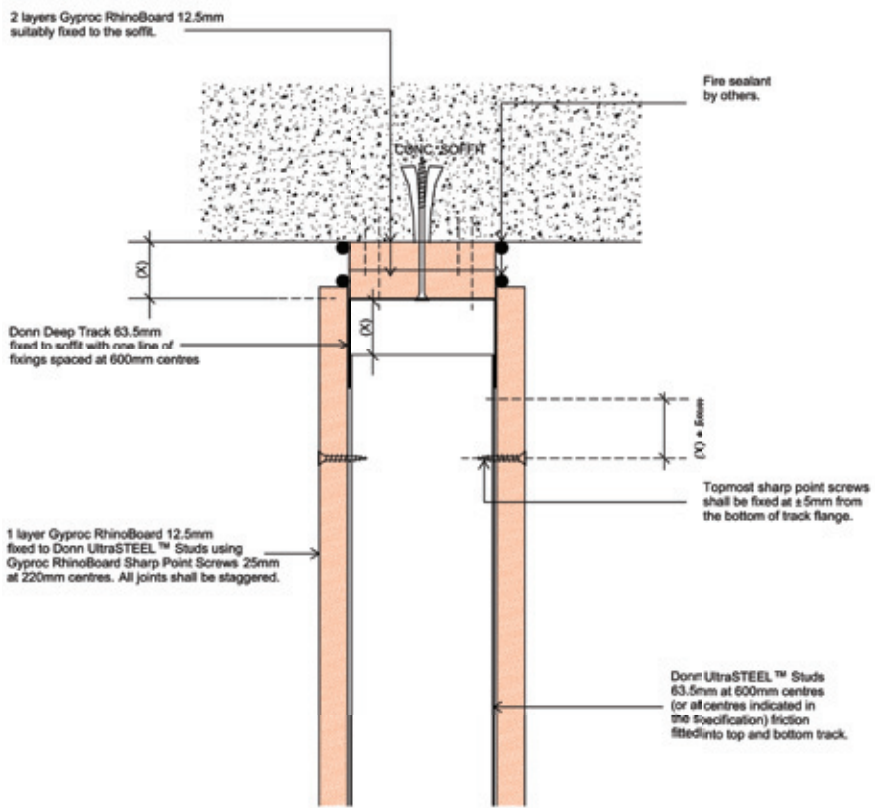
Base detail



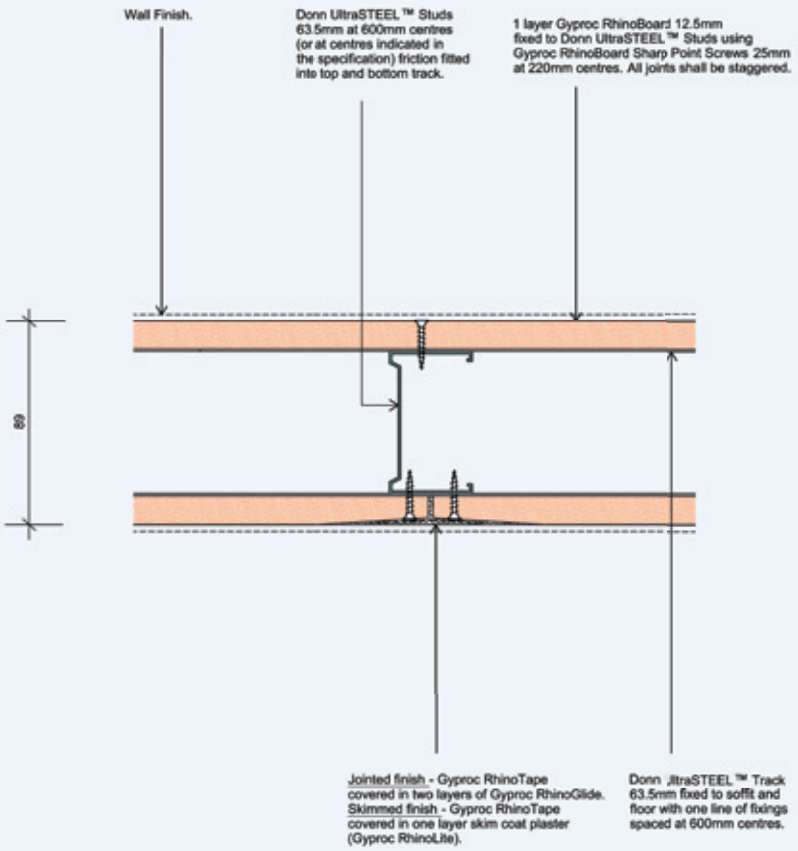
Corner detail



Deflection head detail

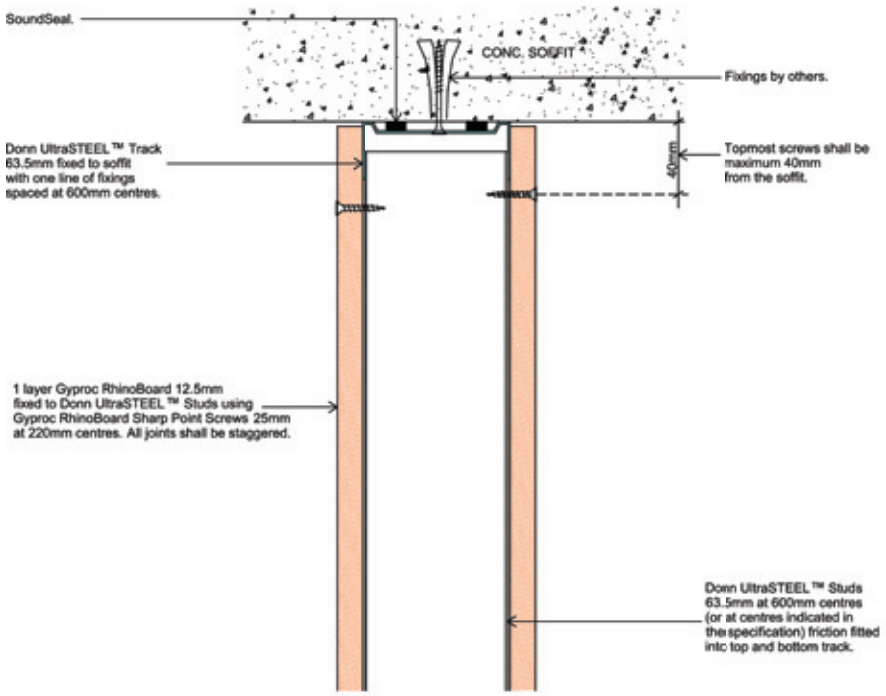


Layout

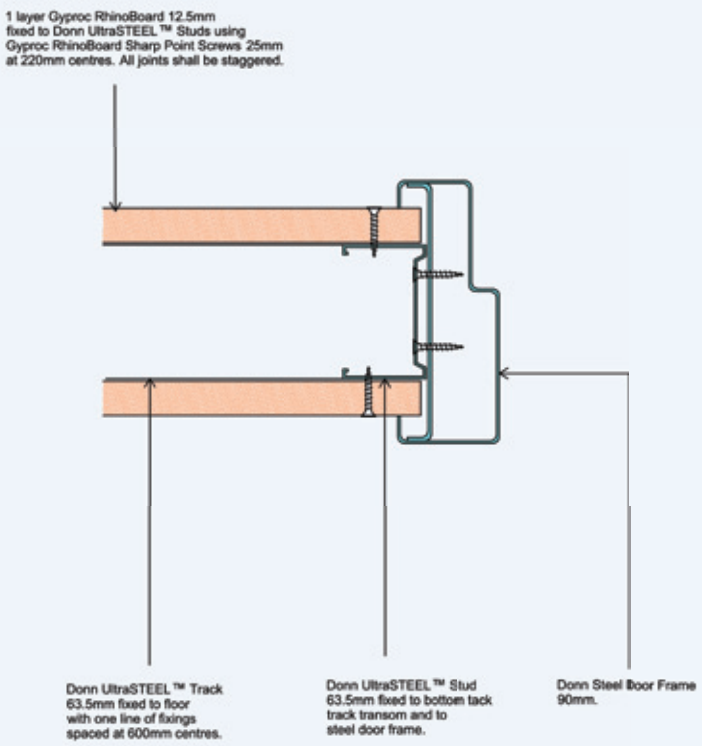


GypWall Classic 63/F30S42 Illustration

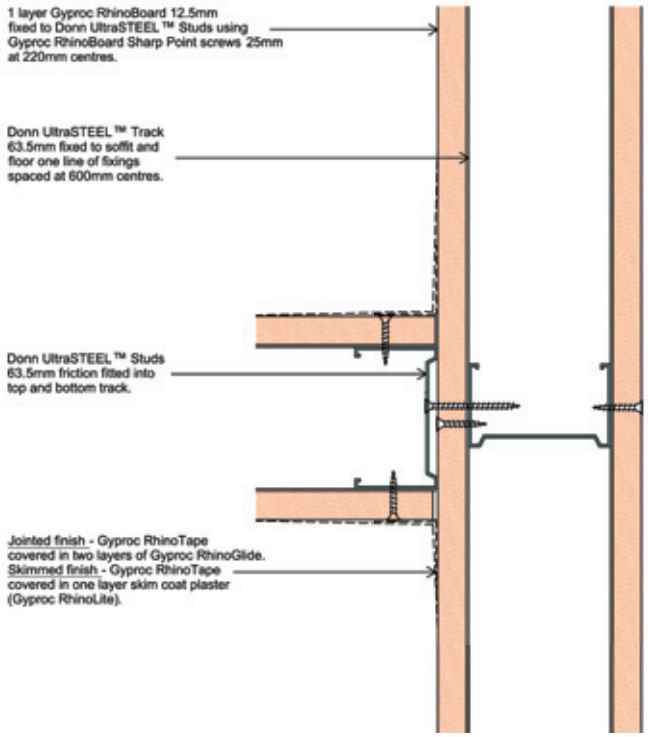
Head detail



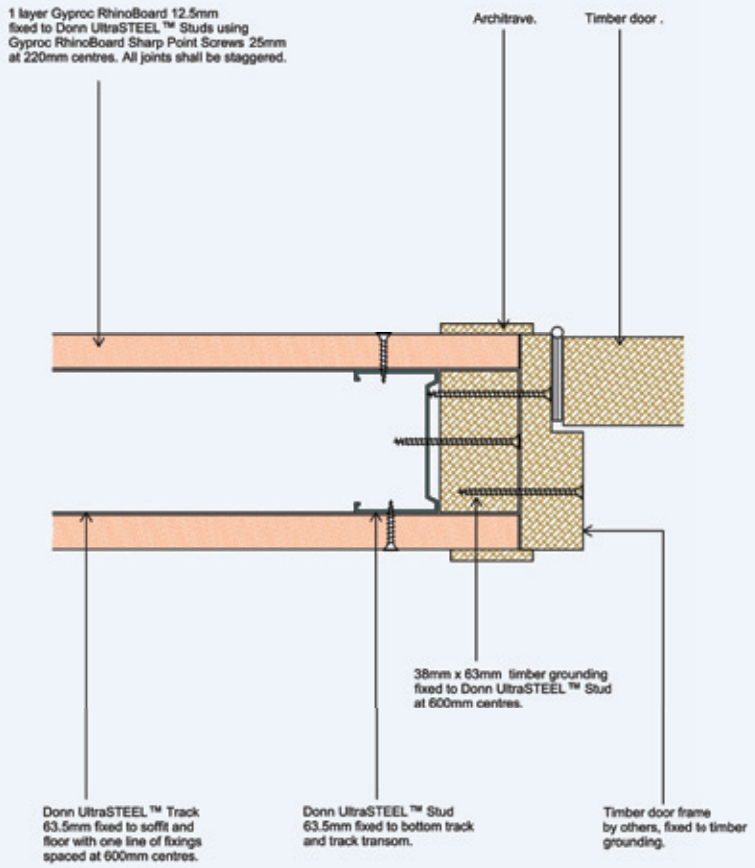
Steel door frame detail



T-Junction



Timber door frame



GypWall Classic | 63/F60S46

Nominal thickness (excluding finishes): **114mm**

Performance criteria


SANS 10177: Part 2: 60 minutes


SANS ISO 140-3:1995: Rw 46dB

Framework

Studs:	Donn UltraSTEEL™ Studs 63.5mm x 35mm at 600mm centres. In areas with tile finishes, reduce stud spacing to 400mm centres.
Floor track:	Donn UltraSTEEL™ Track 63.5mm x 25mm fixed with one line of spaced at 600mm centres.
Head track:	Donn UltraSTEEL™ Track 63.5mm x 25mm fixed with one line of fixings spaced at 600mm centres. Adequate support shall be provided for Head track. Donn Deep Track 63.5mm x 40mm shall be used in areas subject to deflection.
Deflection allowance:	Shall be determined by the project structural engineer.

Apply two continuous beads of SoundSeal between the building structure and the framework.

Lining

2 layers Gyproc RhinoBoard 12.5mm, sheet width 1200mm; fixed to both sides of framing. All joints shall be staggered.
In wet areas replace face layer of Gyproc RhinoBoard 12.5mm with Gyproc MoistureResistant 12.5mm.
Screw first lining layer: Gyproc RhinoBoard Sharp Point Screws 3.5mm diameter x 25mm at maximum 220mm centres.
Screw second lining layer: Gyproc RhinoBoard Sharp Point Screws 3.5mm diameter x 42mm at maximum 220mm centres.

Finishing

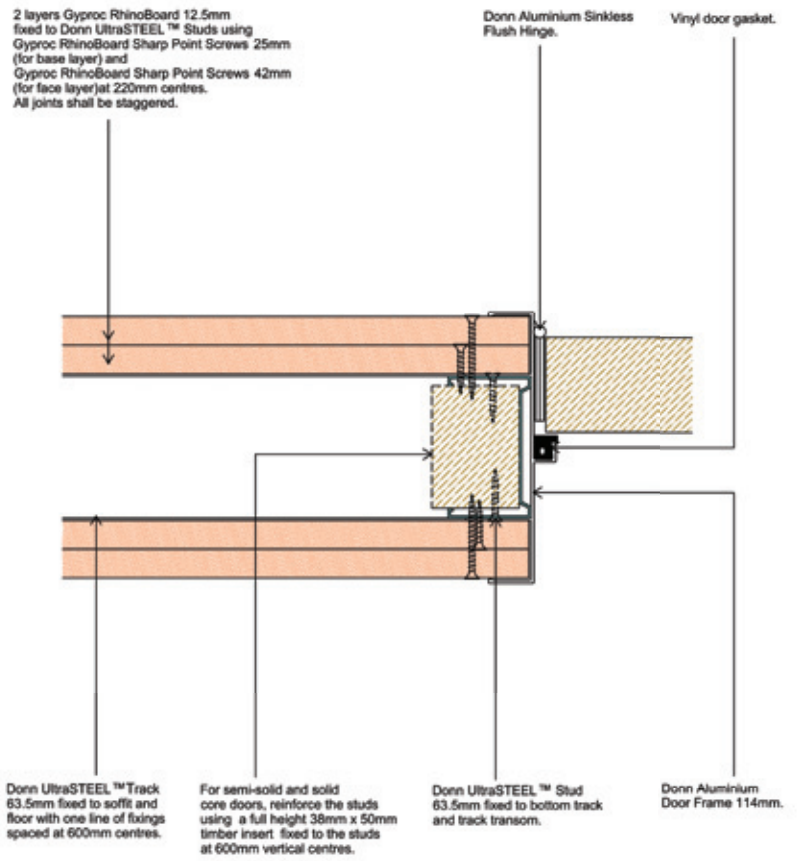
Jointed Finishing:
Apply Gyproc RhinoTape to all joints and internal corners.
Apply Donn Corner Bead embedded in Gyproc RhinoGlide plaster to all external corners.
Cover Gyproc RhinoTape with two layers of Gyproc RhinoGlide.
Paint using a good quality oil based plaster primer. Apply paint as required.

Skimmed Finishing:
Apply Gyproc RhinoTape to all joints and internal corners.
Apply Donn Corner Bead embedded in Gyproc RhinoLite plaster to all external corners.
Cover Gyproc RhinoTape with one layer of Gyproc RhinoLite. Skim the surface using one layer of Gyproc RhinoLite.
Paint using a good quality oil based plaster primer. Apply paint as required.

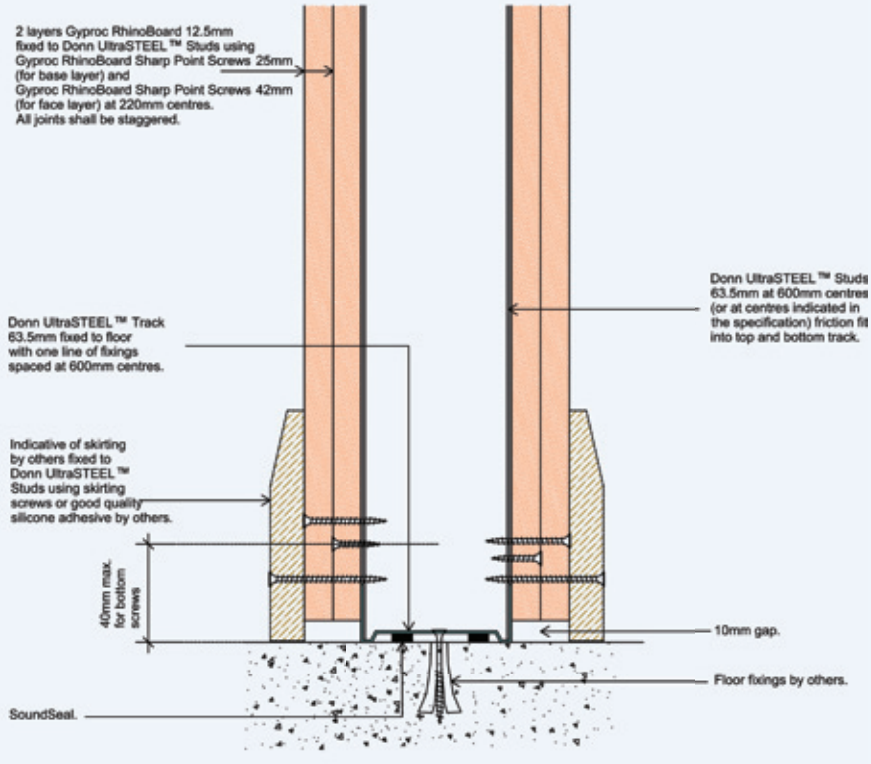
NB To be read with Drywall design guidelines and Drywall Finishings documents.

GypWall Classic 63/F60S46 Illustration

Aluminium door frame

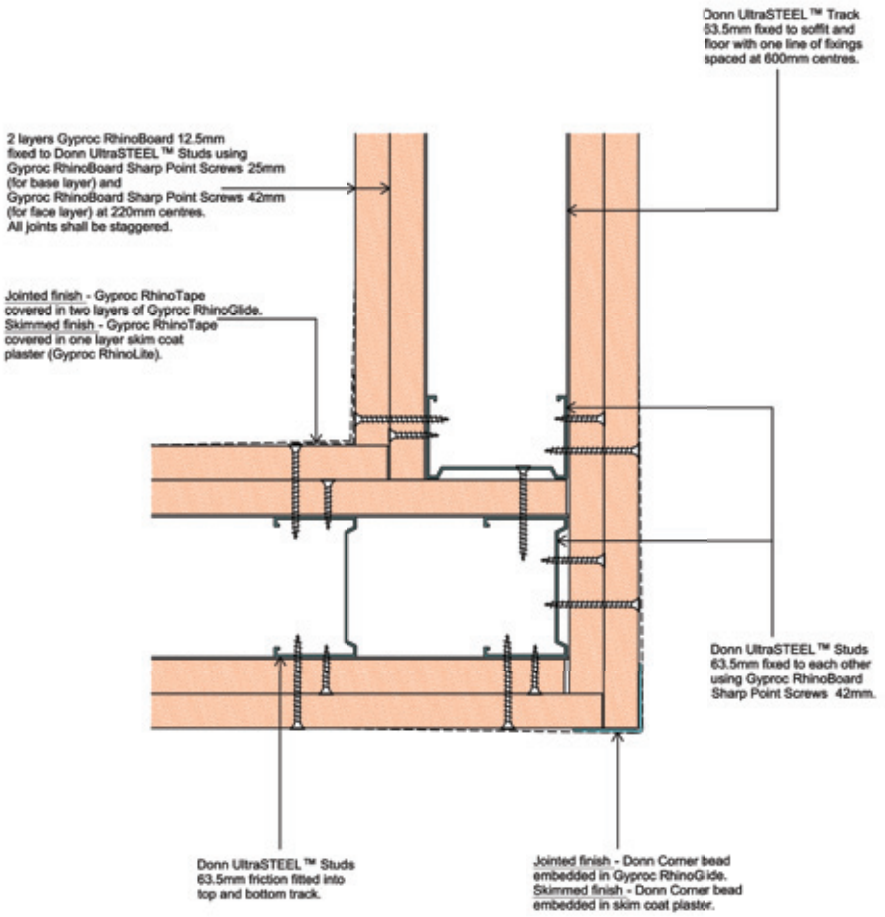


Base detail

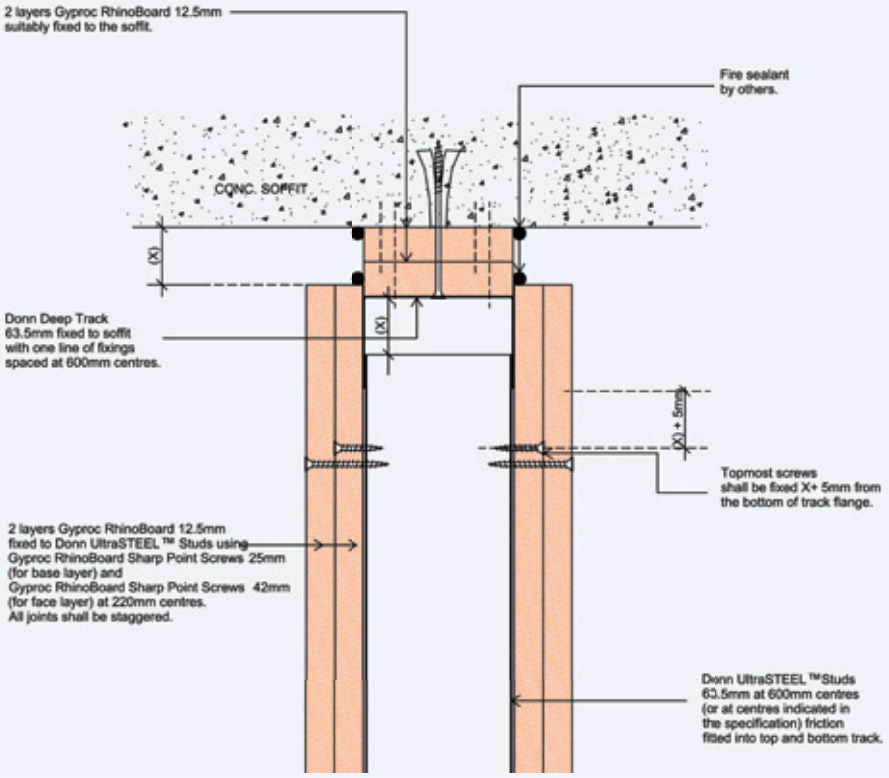


GypWall Classic 63/F60S46 Illustration

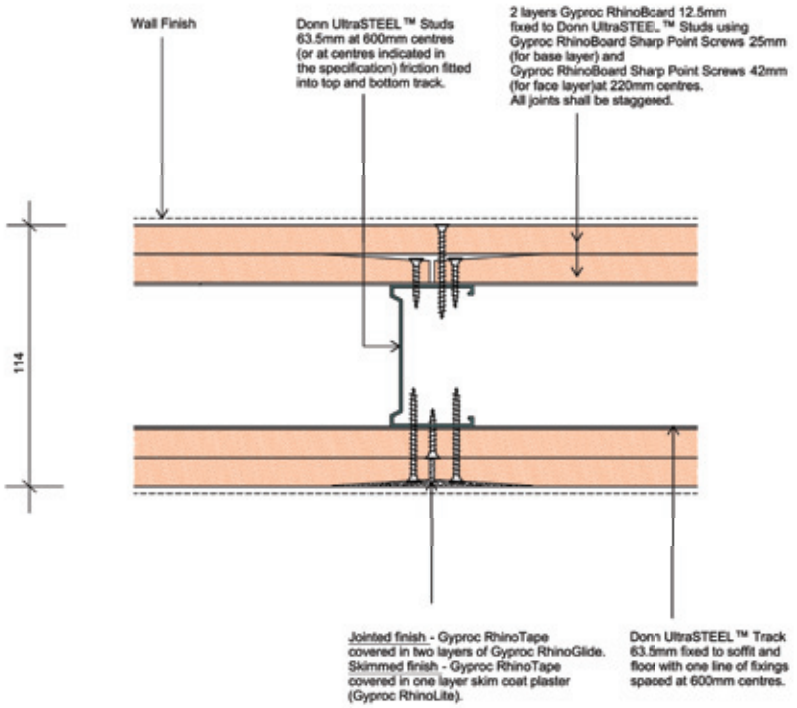
Corner detail



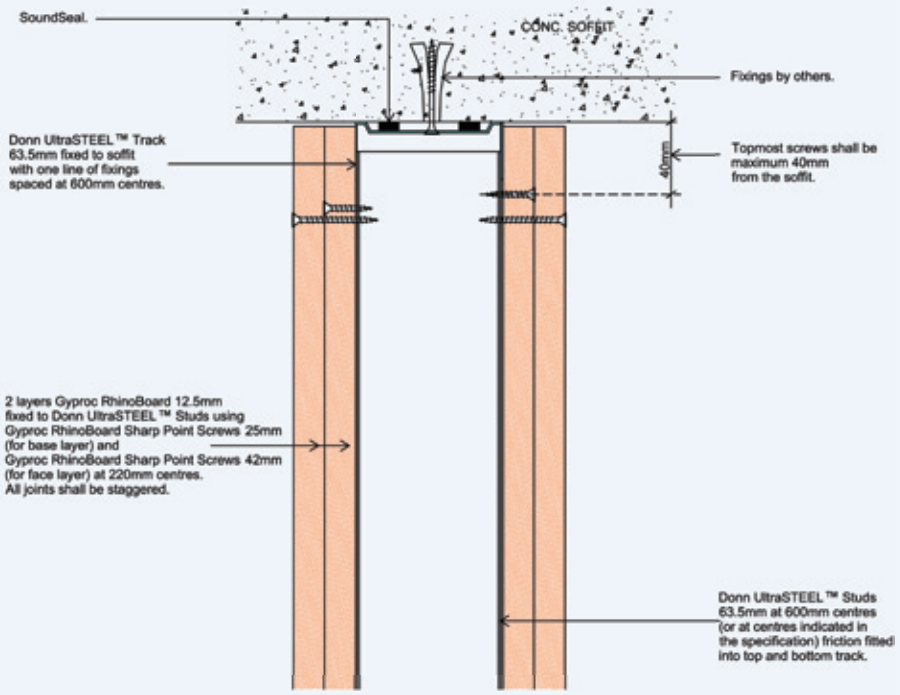
Deflection head detail



Layout

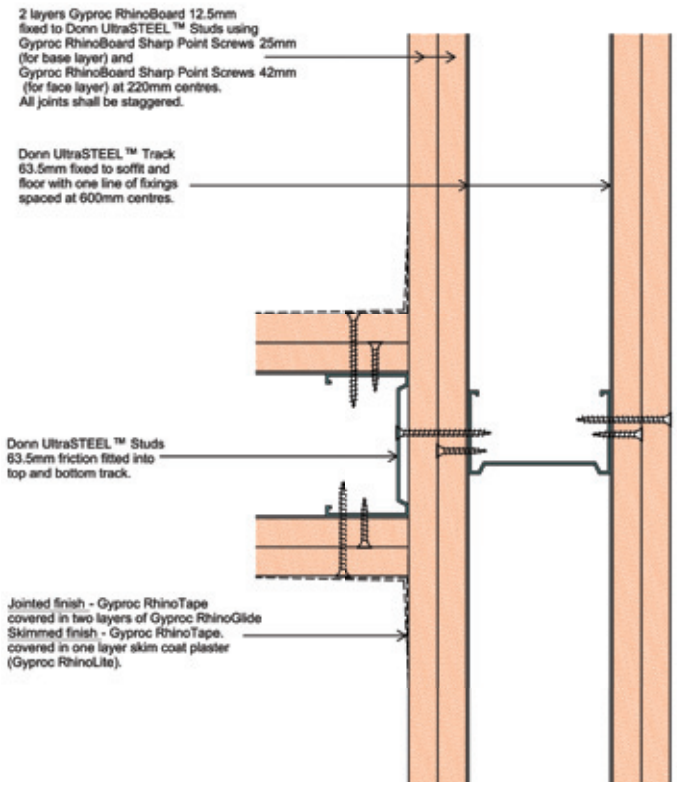


Head detail

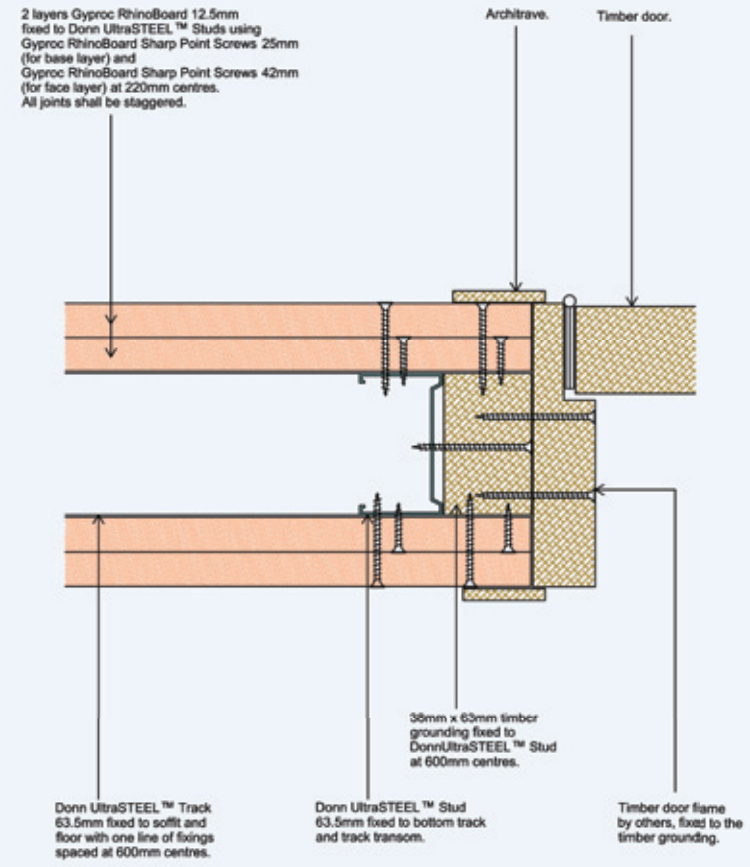


GypWall Classic 63/F60S46 Illustration

T-Junction



Timber door frame



Radisson Hotel, Sandton

Saint-Gobain's SpecSure system warranty

Unique to Saint-Gobain Construction Products South Africa, the 10 year system warranty is designed to give you total confidence that the systems you have chosen will meet the most rigorous of building requirements.

All of our systems are developed using the highest quality components designed to work together, and are specifically developed to give you a lifetime of confidence.

SpecSure is more than just a performance warranty. It means that the Saint-Gobain Construction Products SA systems you specify:

- Have a guaranteed 10 year performance.
- Have the technical expertise and experience of the SA's leading construction products specialist behind it.
- Have been tested in accredited fire, acoustic and structural test laboratories.
- Have been site tested to demonstrate installation integrity and simplicity.
- Will be supported at every stage of the project by SA's leading on and off-site technical support personnel.
- Will perform to published parameters if installed in accordance to our specifications.
- Will be repaired or replaced by Saint-Gobain Construction Products South Africa in the unlikely event of system failure attributed to unsatisfactory product/system performance.
- Project Packs offer technical guidance and compliance to the building methodology prescribed which will ensure optimal system performance.

Customer contact centre:
0860 27 28 29 | www.gyproc.co.za

SAINT-GOBAIN