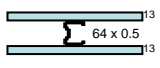


Specification

Single Steel Studs – PRS30SiA / PRSL30SiA

Specification Number	Load Bearing Capability	Fire Resistance Level	Lining Requirements	Insulation	R _w	R _w + C _{tr}	Framing Size	Approximate System Weight
PRS30SiA/ PRSL30SiA 	LB	(30)/30/30	1 layer of 13 mm thick Powerscape® Rocklining each side	No Insulation	39	33	64 mm deep by 0.5 mm thick or larger.	27 kg/m ²

Framing

A minimum stud size of 64 mm deep by 0.5 mm thick.
 Channel runners are fixed to the floor and ceiling in true alignment.
 Stud spacing at 600 mm maximum.
 Place studs to allow a 15 mm expansion gap at the top of the frame for non load bearing system.
 The studs are held in place by the "grip" of the channel runners. Light locating fasteners that fail at high temperatures, such as single aluminium rivets, may be used. Otherwise positive fixing to either channel must be avoided.

Non Loadbearing - Recommended maximum height of 3000mm, higher walls are subject to specific design.

Loadbearing - The steel frame must be designed to meet the structural criteria for service-ability and strength under dead and live loads. Frame height as determined by specific design.

Lining

One layer of 13 mm thick Powerscape® Rocklining each side of the steel frame.
 Vertical or horizontal fixing is permitted. Sheet joints must be formed over framing or back blocked (screw and glue). Sheets shall be touch fitted.
 Offset joints between sheets by 600 mm on opposite sides of the frame.
 A 5mm gap should be left between the Rocklining and the floor. All gaps must be sealed with a fire and/or acoustic rated sealant aligned to the wall rating.

A 5mm gap should be left between the Rocklining and the floor. All gaps must be sealed with a fire and/or acoustic rated sealant aligned to the wall rating.

Fasteners

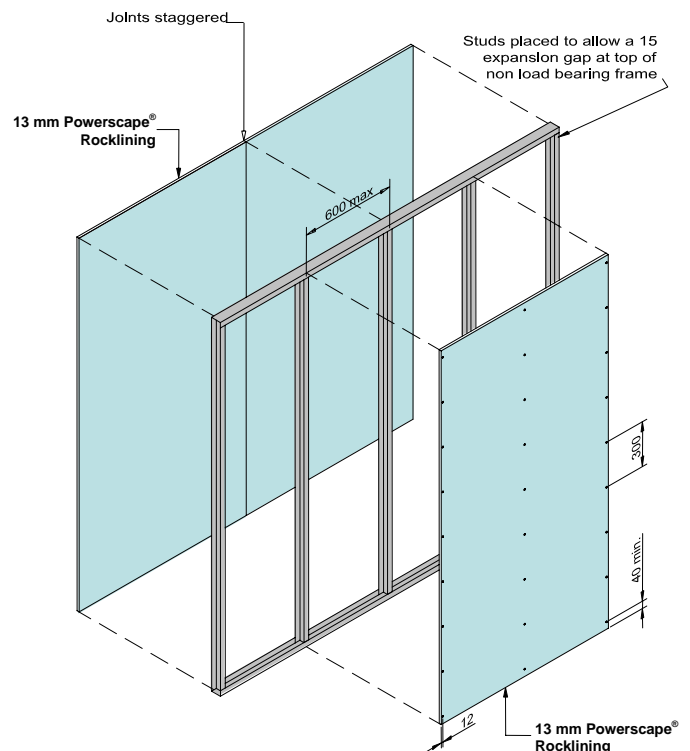
25 mm x 7 g Scavenger Head Drywall high thread drywall screws at 300 mm centres. No fixing to top and bottom channel sections.

Services

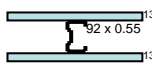
Holes may be drilled or pre-punched in the metal studs to allow installation of electrical service lines and plumbing supply pipes.

Jointing

All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the standard procedures for plasterboard.



Specification Single Steel Studs – PRS30SiB / PRSL30SiB

Specification Number	Load Bearing Capability	Fire Resistance Level	Lining Requirements	Insulation	R _w	R _w + C _{tr}	Framing Size	Approximate System Weight
PRS30SiB/ PRSL30SiB 	LB	(30)/30/30	1 layer of 13 mm thick Powerscape® Rocklining each side	No Insulation	39	33	92 mm deep by 0.55 mm thick or larger.	27 kg/m ²

Framing

A minimum stud size of 92 mm deep by 0.55 mm thick.

Channel runners are fixed to the floor and ceiling in true alignment.

Stud spacing at 600 mm maximum.

Place studs to allow a 15 mm expansion gap at the top of the frame for non load bearing system. The studs are held in place by the "grip" of the channel runners. Light locating fasteners that fail at high temperatures, such as single aluminium rivets, may be used. Otherwise positive fixing to either channel must be avoided.

Non Loadbearing - Recommended maximum height of 3000mm, higher walls are subject to specific design.

Loadbearing - The steel frame must be designed to meet the structural criteria for service-ability and strength under dead and live loads. Frame height as determined by specific design.

Lining

One layer of 13 mm thick Powerscape® Rocklining each side of the steel frame.

Vertical or horizontal fixing is permitted. Sheet joints must be formed over framing or back blocked (screw and glue). Sheets shall be touch fitted.

Offset joints between sheets by 600 mm on opposite sides of the frame.

A 5mm gap should be left between the Rocklining and the floor. All gaps must be sealed with a fire and/or acoustic rated sealant aligned to the wall rating.

Fasteners

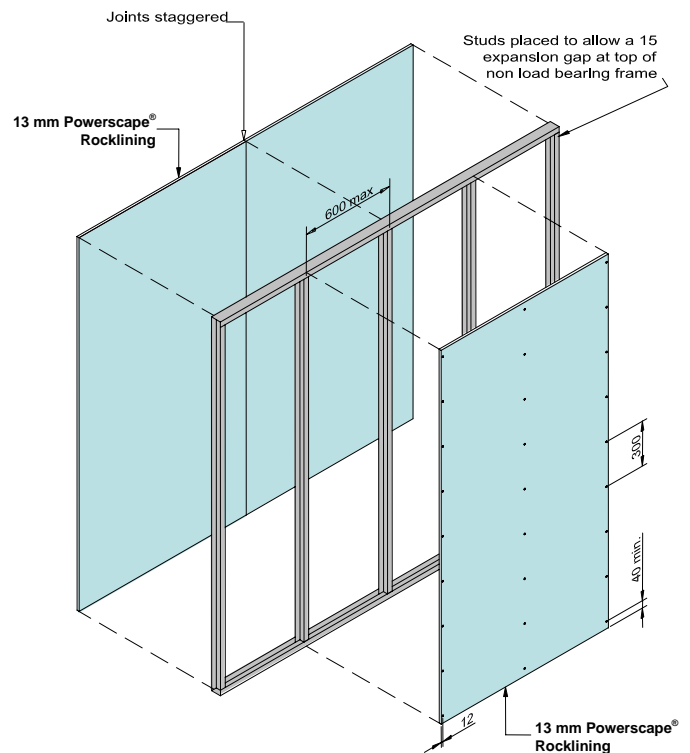
25 mm x 7 g scavenger head high thread drywall screws at 300 mm centres. No fixing to top and bottom channel sections.

Services


Holes may be drilled or pre-punched in the metal studs to allow installation of electrical service lines and plumbing supply pipes.

Jointing

All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the standard procedures for plasterboard.



Specification Single Steel Studs – PRS30SiC / PRSL30SiC

Specification Number	Load Bearing Capability	Fire Resistance Level	Lining Requirements	Insulation	R _w	R _w + C _{tr}	Framing Size	Approximate System Weight
PRS30SiC/ PRSL30SiC 	LB	(30)/30/30	1 layer of 13 mm thick Powerscape® Rocklining each side	Single Layer of R 2.0 Glasswool or Polyester Blanket	47	39	92 mm deep by 0.55 mm thick or larger.	28 kg/m ²

Framing

A minimum stud size of 92 mm deep by 0.55 mm thick.

Channel runners are fixed to the floor and ceiling in true alignment.

Stud spacing at 600 mm maximum.

Place studs to allow a 15 mm expansion gap at the top of the frame for non load bearing system. The studs are held in place by the "grip" of the channel runners. Light locating fasteners that fail at high temperatures, such as single aluminium rivets, may be used. Otherwise positive fixing to either channel must be avoided.

Non Loadbearing - Recommended maximum height of 3000mm, higher walls are subject to specific design.

Loadbearing - The steel frame must be designed to meet the structural criteria for service-ability and strength under dead and live loads. Frame height as determined by specific design.

Lining

One layer of 13 mm thick Powerscape® Rocklining each side of the steel frame.

Vertical or horizontal fixing is permitted. Sheet joints must be formed over framing or back blocked (screw and glue). Sheets shall be touch fitted.

Offset joints between sheets by 600 mm on opposite sides of the frame.

A 5mm gap should be left between the Rocklining and the floor. All gaps must be sealed with a fire and/or acoustic rated sealant aligned to the wall rating.

Fasteners

25 mm x 7 g scavenger head high thread drywall screws at 300 mm centres. No fixing to top and bottom channel sections.

Services

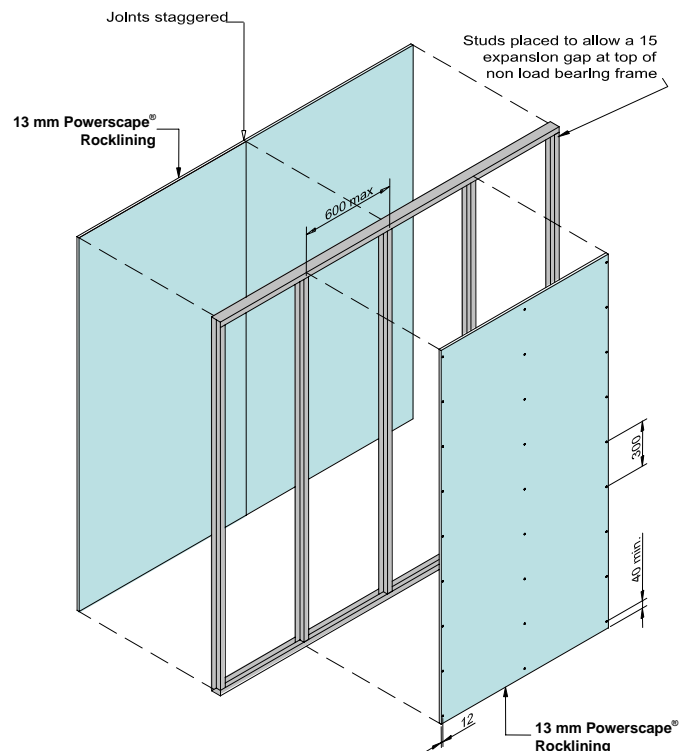
Holes may be drilled or pre-punched in the metal studs to allow installation of electrical service lines and plumbing supply pipes.

Jointing

All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the standard procedures for plasterboard.


Insulation

Sound control insulation shall be a minimum of R2.0 glasswool or polyester blanket installed between the studs.



Specification

Single Steel Studs – PRS30SiD / PRSL30SiD

Specification Number	Load Bearing Capability	Fire Resistance Level	Lining Requirements	Insulation	R _w	R _w + C _{tr}	Framing Size	Approximate System Weight
PRS30SiD/ PRSL30SiD 	LB	(30)/30/30	1 layer of 13 mm thick Powerscape® Rocklining one side and 2 layers of 13 mm thick Powerscape® Rocklining on other side	Single Layer of R 2.0 Glasswool or Polyester Blanket	51	43	92 mm deep by 0.55 mm thick or larger.	41 kg/m ²

Framing

A minimum stud size of 92 mm deep by 0.55 mm thick.

Channel runners are fixed to the floor and ceiling in true alignment.

Stud spacing at 600 mm maximum.

Place studs to allow a 15 mm expansion gap at the top of the frame for non load bearing system.

The studs are held in place by the "grip" of the channel runners. Light locating fasteners that fail at high temperatures, such as single aluminium rivets, may be used. Otherwise positive fixing to either channel must be avoided.

Non Loadbearing - Recommended maximum height of 3000mm, higher walls are subject to specific design.

Loadbearing - The steel frame must be designed to meet the structural criteria for service-ability and strength under dead and live loads. Frame height as determined by specific design.

Lining

One layer of 13 mm thick Powerscape® Rocklining on one side of the steel frame and two layers of 13 mm thick Powerscape® Rocklining on other side.

Vertical or horizontal fixing is permitted. Sheet joints must be formed over framing or back blocked (screw and glue). Sheets shall be touch fitted. Offset joints between sheets by 600 mm on opposite sides of the frame.

A 5mm gap should be left between the Rocklining and the floor. All gaps must be sealed with a fire and/or acoustic rated sealant aligned to the wall rating.

Fasteners

25 mm x 7 g scavenger head high thread drywall screws at 300 mm centres for single and inner layers. 40 mm by 7 g scavenger head high thread drywall screws at 300 mm centres for outer layer. No fixing to top and bottom channel sections.

Services

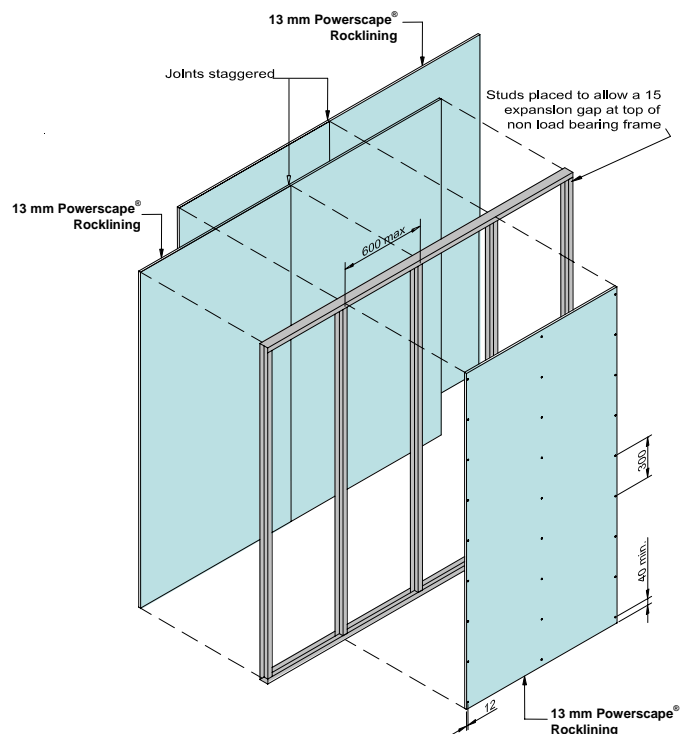
Holes may be drilled or pre-punched in the metal studs to allow installation of electrical service lines and plumbing supply pipes.

Jointing


All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the standard procedures for plasterboard.

Insulation

Sound control insulation shall be a minimum of R2.0 glasswool or polyester blanket installed between the studs.



Specification Single Steel Studs – PRS60SiA

Specification Number	Load Bearing Capability	Fire Resistance Level	Lining Requirements	Insulation	R _w	R _w + C _{tr}	Framing Size	Approximate System Weight
PRS60SiA 	NLB	-/60/60	1 layer of 13 mm thick Powerscape® Rocklining each side	63 mm thick Mineral wool with min. service temp. of 450°C	44	33	64 mm deep by 0.5 mm thick or larger.	28 kg/m ²

Framing

A minimum stud size of 64 mm deep by 0.5 mm thick. Channel runners are fixed to the floor and ceiling in true alignment. Stud spacing at 600 mm maximum. Place studs to allow a 15 mm expansion gap at the top of the frame for non load bearing system. The studs are held in place by the "grip" of the channel runners. Light locating fasteners that fail at high temperatures, such as single aluminium rivets, may be used. Otherwise positive fixing to either channel must be avoided.

Non Loadbearing - Recommended maximum height of 3000mm, higher walls are subject to specific design.

Lining

One layer of 13 mm thick Powerscape® Rocklining on each side of the steel frame.

Vertical or horizontal fixing is permitted. Sheet joints must be formed over framing or back blocked (screw and glue). Sheets shall be touch fitted.

Offset joints between sheets by 600 mm on opposite sides of the frame.

A 5mm gap should be left between the Rocklining and the floor. All gaps must be sealed with a fire and/or acoustic rated sealant aligned to the wall rating.

Fasteners

25 mm x 7 g scavenger head high thread drywall screws at 300 mm centres. No fixing to top and bottom channel sections.

Services

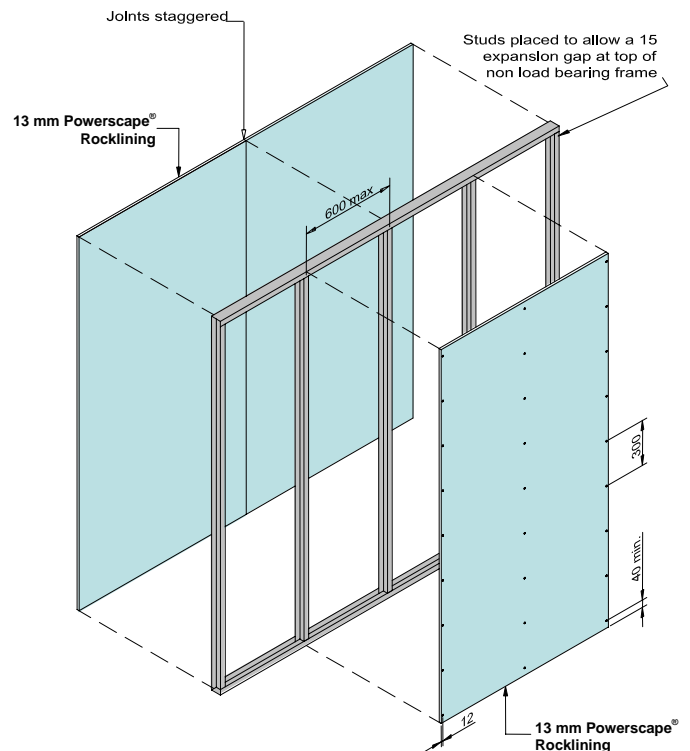
Holes may be drilled or pre-punched in the metal studs to allow installation of electrical service lines and plumbing supply pipes.

Jointing

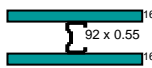
All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the standard procedures for plasterboard.

Insulation

Mineral wool with a minimum service temperature of 450°C and minimum thickness of 63 mm. Mineral wool attached to sides of steel studs with daubs of Koagrip at 300 mm centres.



Specification Single Steel Studs – PRS60SiB / PRSL60SiB

Specification Number	Load Bearing Capability	Fire Resistance Level	Lining Requirements	Insulation	R _w	R _w + C _{tr}	Framing Size	Approximate System Weight
PRS60SiB/ PRSL60SiB 	LB	(60)/60/60	1 layer of 16 mm thick Powerscape® Rocklining each side	No Insulation	42	36	92 mm deep by 0.55 mm thick or larger.	32 kg/m ²

Framing

A minimum stud size of 92 mm deep by 0.55 mm thick.
 Channel runners are fixed to the floor and ceiling in true alignment.
 Stud spacing at 600 mm maximum.
 Place studs to allow a 15 mm expansion gap at the top of the frame for non load bearing system.
 The studs are held in place by the "grip" of the channel runners. Light locating fasteners that fail at high temperatures, such as single aluminium rivets, may be used. Otherwise positive fixing to either channel must be avoided.

Non Loadbearing - Recommended maximum height of 3000mm, higher walls are subject to specific design.

Loadbearing - The steel frame must be designed to meet the structural criteria for service-ability and strength under dead and live loads. Frame height as determined by specific design.

Lining

One layer of 16 mm thick Powerscape® Rocklining each side of the steel frame.

Vertical or horizontal fixing is permitted. Sheet joints must be formed over framing or back blocked (screw and glue). Sheets shall be touch fitted.

Offset joints between sheets by 600 mm on opposite sides of the frame.

A 5mm gap should be left between the Rocklining and the floor. All gaps must be sealed with a fire and/or acoustic rated sealant aligned to the wall rating.

Fasteners

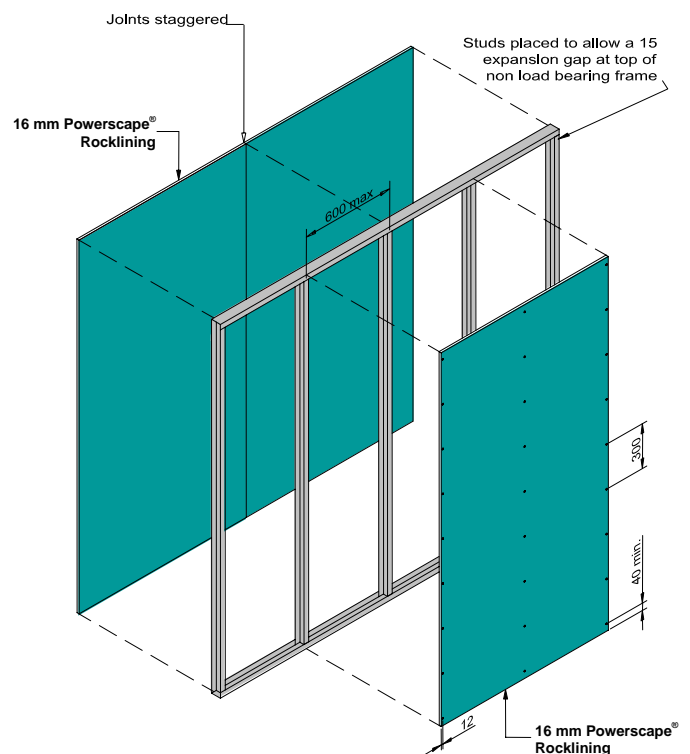
25 mm x 7 g scavenger head high thread drywall screws at 300 mm centres. No fixing to top and bottom channel sections.

Services

Holes may be drilled or pre-punched in the metal studs to allow installation of electrical service lines and plumbing supply pipes.


Jointing

All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the standard procedures for plasterboard.



Specification

Single Steel Studs – PRS60SiC

Specification Number	Load Bearing Capability	Fire Resistance Level	Lining Requirements	Insulation	R _w	R _w + C _{tr}	Framing Size	Approximate System Weight
PRS60SiC 	NLB	-/60/60	1 layer of 13 mm thick Powerscape® Rocklining each side	63 mm thick Mineral wool with min. service temp. of 450°C	47	39	92 mm deep by 0.55 mm thick or larger.	28 kg/m ²

Framing

A minimum stud size of 92 mm deep by 0.55 mm thick. Channel runners are fixed to the floor and ceiling in true alignment. Stud spacing at 600 mm maximum. Place studs to allow a 15 mm expansion gap at the top of the frame for non load bearing system. The studs are held in place by the "grip" of the channel runners. Light locating fasteners that fail at high temperatures, such as single aluminium rivets, may be used. Otherwise positive fixing to either channel must be avoided.

Non Loadbearing - Recommended maximum height of 3000mm, higher walls are subject to specific design.

Lining

One layer of 13 mm thick Powerscape® Rocklining on each side of the steel frame.

Vertical or horizontal fixing is permitted. Sheet joints must be formed over framing or back blocked (screw and glue). Sheets shall be touch fitted.

Offset joints between sheets by 600 mm on opposite sides of the frame.

A 5mm gap should be left between the Rocklining and the floor. All gaps must be sealed with a fire and/or acoustic rated sealant aligned to the wall rating.

Fasteners

25 mm x 7 g scavenger head high thread drywall screws at 300 mm centres. No fixing to top and bottom channel sections.

Services

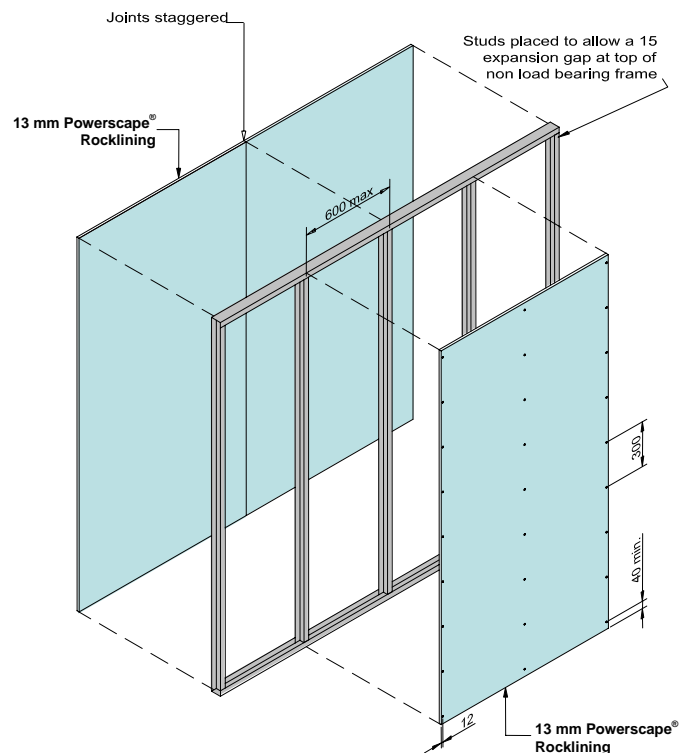
Holes may be drilled or pre-punched in the metal studs to allow installation of electrical service lines and plumbing supply pipes.

Jointing


All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the standard procedures for plasterboard.

Insulation

Mineral wool with a minimum service temperature of 450°C and minimum thickness of 63 mm. Mineral wool attached to sides of steel studs with daubs of Koagrip at 300 mm centres.



Specification Single Steel Studs – PRS60SiD / PRSL60SiD

Specification Number	Load Bearing Capability	Fire Resistance Level	Lining Requirements	Insulation	R _w	R _w + C _{tr}	Framing Size	Approximate System Weight
PRS60SiD/ PRSL60SiD 	LB	(60)/60/60	1 layer of 16 mm thick Powerscape® Rocklining each side	Single Layer of R 2.0 Glasswool or Polyester Blanket	47	40	92 mm deep by 0.55 mm thick or larger.	33 kg/m ²

Framing

A minimum stud size of 92 mm deep by 0.55 mm thick.

Channel runners are fixed to the floor and ceiling in true alignment.

Stud spacing at 600 mm maximum.

Place studs to allow a 15 mm expansion gap at the top of the frame for non load bearing system. The studs are held in place by the "grip" of the channel runners. Light locating fasteners that fail at high temperatures, such as single aluminium rivets, may be used. Otherwise positive fixing to either channel must be avoided.

Non Loadbearing - Recommended maximum height of 3000mm, higher walls are subject to specific design.

Loadbearing - The steel frame must be designed to meet the structural criteria for service-ability and strength under dead and live loads. Frame height as determined by specific design.

Lining

One layer of 16 mm thick Powerscape® Rocklining each side of the steel frame.

Vertical or horizontal fixing is permitted. Sheet joints must be formed over framing or back blocked (screw and glue). Sheets shall be touch fitted.

Offset joints between sheets by 600 mm on opposite sides of the frame.

A 5mm gap should be left between the Rocklining and the floor. All gaps must be sealed with a fire and/or acoustic rated sealant aligned to the wall rating.

Fasteners

25 mm x 7 g scavenger head high thread drywall screws at 300 mm centres. No fixing to top and bottom channel sections.

Services

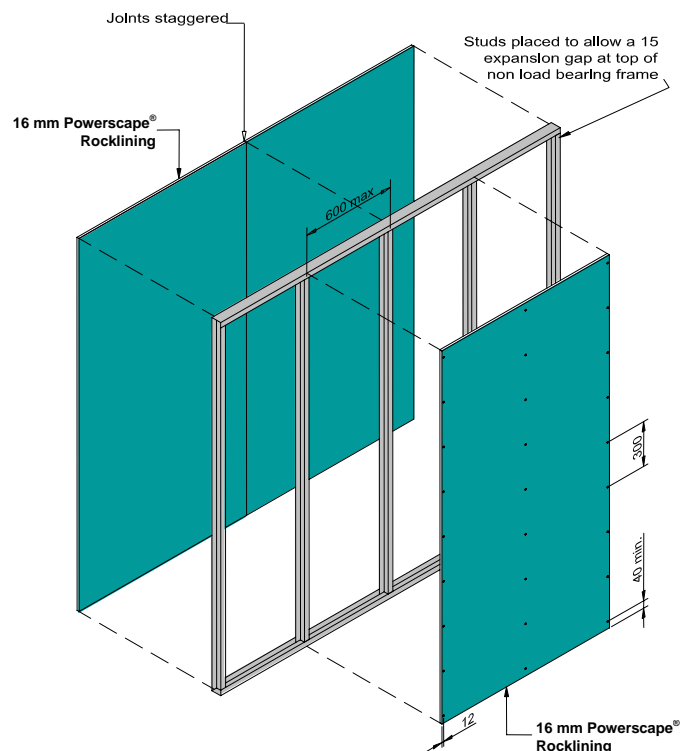
Holes may be drilled or pre-punched in the metal studs to allow installation of electrical service lines and plumbing supply pipes.

Jointing

All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the standard procedures for plasterboard.

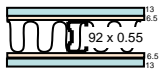
Insulation

Sound control insulation shall be a minimum of R2.0 glasswool or polyester blanket installed between the studs.



Specification

Single Steel Studs – PRS60SiE / PRSL60SiE

Specification Number	Load Bearing Capability	Fire Resistance Level	Lining Requirements	Insulation	R _w	R _w + C _{tr}	Framing Size	Approximate System Weight
PRS60SiE 	LB	(60)/60/60	1 layer of 13 mm and 1 layer of 16 mm thick Powerscape Go-Between on each side.	Single Layer of R 2.0 Glasswool or Polyester Blanket	56	48	92 mm deep by 0.55 mm thick or larger.	47 kg/m ²

Framing

A minimum stud size of 92 mm deep by 0.55 mm thick.

Channel runners are fixed to the floor and ceiling in true alignment.

Stud spacing at 600 mm maximum.

Place studs to allow a 15 mm expansion gap at the top of the frame for non load bearing system. The studs are held in place by the "grip" of the channel runners. Light locating fasteners that fail at high temperatures, such as single aluminium rivets, may be used. Otherwise positive fixing to either channel must be avoided.

Non Loadbearing - Recommended maximum height of 3000mm, higher walls are subject to specific design.

Lining

One layer of 13 mm Powerscape® Rocklining and one layer of 6.5 mm thick Powerscape Go-Between® on each side of the steel frame. Vertical or horizontal fixing is permitted. Sheet joints must be formed over framing or back blocked (screw and glue). Sheets shall be touch fitted.

Offset joints between sheets by 600 mm on opposite sides of the frame.

A 5mm gap should be left between the Rocklining and the floor. All gaps must be sealed with a fire and/or acoustic rated sealant aligned to the wall rating.

Fasteners

25 mm x 7 g scavenger head high thread drywall screws at 300 mm centres for inner layers. 40 mm by 7 g scavenger head high thread drywall screws at 300 mm centres for outer layers.

No fixing to top and bottom channel sections.

Services

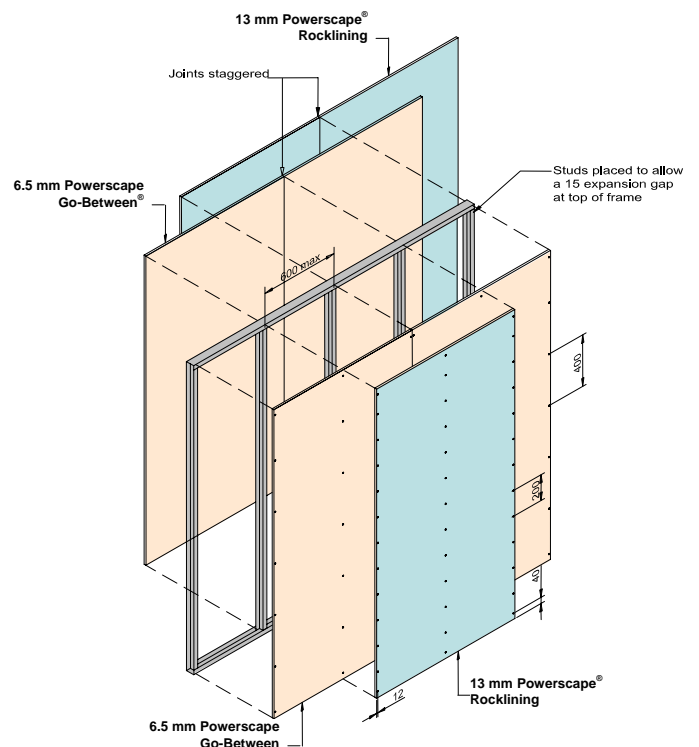
Holes may be drilled or pre-punched in the metal studs to allow installation of electrical service lines and plumbing supply pipes.

Joining

All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the standard procedures for plasterboard.

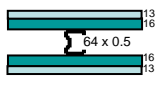
Insulation

Sound control insulation shall be a minimum of R2.0 glasswool or polyester blanket installed between the studs.



Specification

Single Steel Studs – PRS90SiA

Specification Number	Load Bearing Capability	Fire Resistance Level	Lining Requirements	Insulation	R _w	R _w + C _{tr}	Framing Size	Approximate System Weight
PRS90SiA 	NLB	-/90/90	1 layer of 13 mm and 1 layer of 16 mm thick Powerscape® Rocklining on each side.	No Insulation	48	42	64 mm deep by 0.5 mm thick or larger.	58 kg/m ²

Framing

A minimum stud size of 64 mm deep by 0.5 mm thick.
 Channel runners are fixed to the floor and ceiling in true alignment.
 Stud spacing at 600 mm maximum.
 Place studs to allow a 15 mm expansion gap at the top of the frame for non load bearing system. The studs are held in place by the "grip" of the channel runners. Light locating fasteners that fail at high temperatures, such as single aluminium rivets, may be used. Otherwise positive fixing to either channel must be avoided.

Non Loadbearing - Recommended maximum height of 3000mm, higher walls are subject to specific design.

Lining

One layer of 13 mm and one layer of 16 mm thick Powerscape® Rocklining on each side of the steel frame.

Vertical or horizontal fixing is permitted. Sheet joints must be formed over framing or back blocked (screw and glue). Sheets shall be touch fitted.

Offset joints between sheets by 600 mm on opposite sides of the frame.

A 5mm gap should be left between the Rocklining and the floor. All gaps must be sealed with a fire and/or acoustic rated sealant aligned to the wall rating.

Fasteners

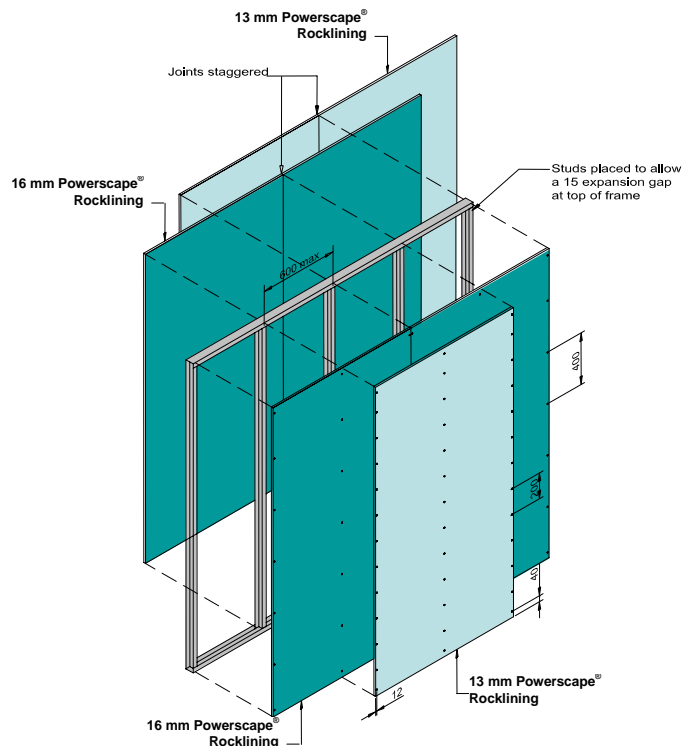
25 mm x 7 g scavenger head high thread drywall screws at 300 mm centres for inner layers. 40 mm by 7 g scavenger head high thread drywall screws at 300 mm centres for outer layers.
 No fixing to top and bottom channel sections.

Services

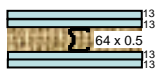
Holes may be drilled or pre-punched in the metal studs to allow installation of electrical service lines and plumbing supply pipes.

Jointing

All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the standard procedures for plasterboard.



Specification Single Steel Studs – PRS90SiB

Specification Number	Load Bearing Capability	Fire Resistance Level	Lining Requirements	Insulation	R _w	R _w + C _{tr}	Framing Size	Approximate System Weight
PRS90SiB 	NLB	-/90/90	2 layers of 13 mm thick Powerscape® Rocklining each side	63 mm thick Mineral wool with min. service temp. of 450°C	54	47	64 mm deep by 0.5 mm thick or larger.	54 kg/m ²

Framing

A minimum stud size of 64 mm deep by 0.5 mm thick. Channel runners are fixed to the floor and ceiling in true alignment. Stud spacing at 600 mm maximum. Place studs to allow a 15 mm expansion gap at the top of the frame for non load bearing system. The studs are held in place by the "grip" of the channel runners. Light locating fasteners that fail at high temperatures, such as single aluminium rivets, may be used. Otherwise positive fixing to either channel must be avoided.

Non Loadbearing - Recommended maximum height of 3000mm, higher walls are subject to specific design.

Lining

A double layer of 13 mm thick Powerscape® Rocklining on each side of the steel frame. Vertical or horizontal fixing is permitted. Sheet joints must be formed over framing or back blocked (screw and glue). Sheets shall be touch fitted.

Offset joints between sheets by 600 mm on opposite sides of the frame.

A 5mm gap should be left between the Rocklining and the floor. All gaps must be sealed with a fire and/or acoustic rated sealant aligned to the wall rating.

Fasteners

25 mm x 7 g scavenger head high thread drywall screws at 300 mm centres for inner layers. 40 mm by 7 g scavenger head high thread drywall screws at 300 mm centres for outer layers. No fixing to top and bottom channel sections.

Services

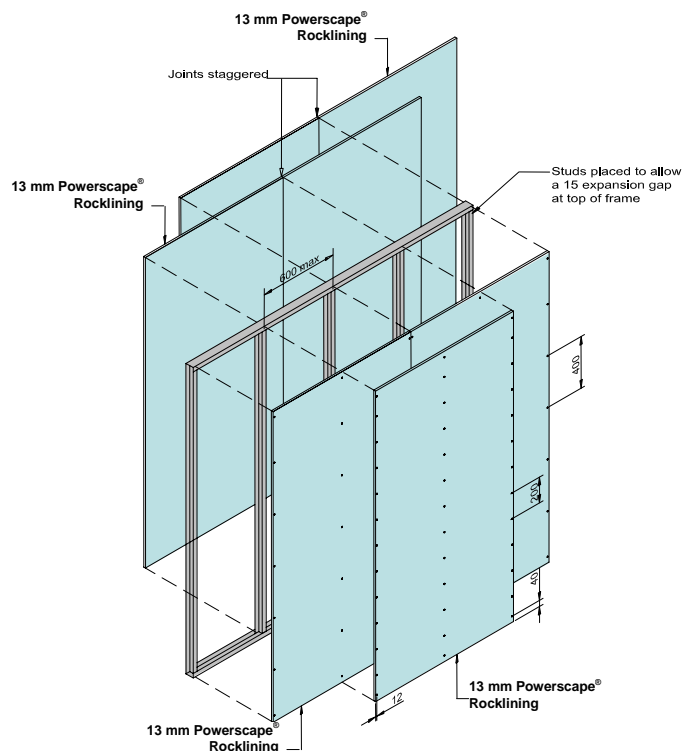
Holes may be drilled or pre-punched in the metal studs to allow installation of electrical service lines and plumbing supply pipes.

Jointing

All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the standard procedures for plasterboard.

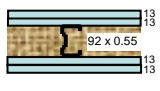
Insulation

Mineral wool with a minimum service temperature of 450°C and minimum thickness of 63 mm. Mineral wool attached to sides of steel studs with daubs of Koagrip at 300 mm centres.



Specification

Single Steel Studs – PRS90SiC

Specification Number	Load Bearing Capability	Fire Resistance Level	Lining Requirements	Insulation	R _w	R _w + C _{tr}	Framing Size	Approximate System Weight
PRS90SiC 	NLB	-/90/90	2 layers of 13 mm thick Powerscape® Rocklining each side	63 mm thick Mineral wool with min. service temp. of 450°C	56	49	92 mm deep by 0.55 mm thick or larger.	54 kg/m ²

Framing

A minimum stud size of 92 mm deep by 0.55 mm thick. Channel runners are fixed to the floor and ceiling in true alignment. Stud spacing at 600 mm maximum. Place studs to allow a 15 mm expansion gap at the top of the frame for non load bearing system. The studs are held in place by the "grip" of the channel runners. Light locating fasteners that fail at high temperatures, such as single aluminium rivets, may be used. Otherwise positive fixing to either channel must be avoided.

Non Loadbearing - Recommended maximum height of 3000mm, higher walls are subject to specific design.

Lining

A double layer of 13 mm thick Powerscape® Rocklining on each side of the steel frame.

Vertical or horizontal fixing is permitted. Sheet joints must be formed over framing or back blocked (screw and glue). Sheets shall be touch fitted.

Offset joints between sheets by 600 mm on opposite sides of the frame.

A 5mm gap should be left between the Rocklining and the floor. All gaps must be sealed with a fire and/or acoustic rated sealant aligned to the wall rating.

Fasteners

25 mm x 7 g scavenger head high thread drywall screws at 300 mm centres for inner layers. 40 mm by 7 g scavenger head high thread drywall screws at 300 mm centres for outer layers. No fixing to top and bottom channel sections.

Services

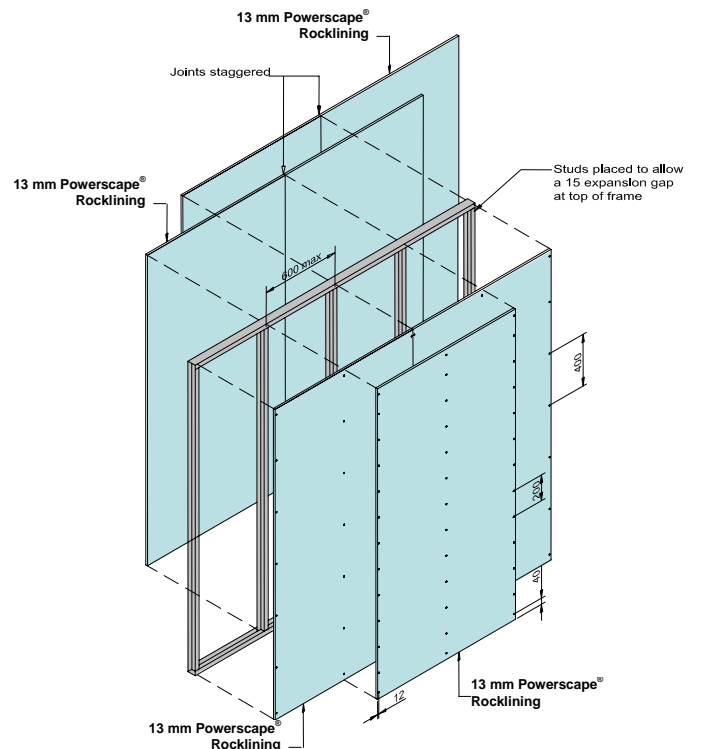
Holes may be drilled or pre-punched in the metal studs to allow installation of electrical service lines and plumbing supply pipes.

Jointing

All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the standard procedures for plasterboard.

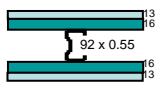
Insulation

Mineral wool with a minimum service temperature of 450°C and minimum thickness of 63 mm. Mineral wool attached to sides of steel studs with daubs of Koagrip at 300 mm centres.



Specification

Single Steel Studs – PRS90SiD

Specification Number	Load Bearing Capability	Fire Resistance Level	Lining Requirements	Insulation	R _w	R _w + C _{tr}	Framing Size	Approximate System Weight
PRS90SiD 	NLB	-/90/90	1 layer of 13 mm and 1 layer of 16 mm thick Powerscape® Rocklining on each side.	No Insulation	50	43	92 mm deep by 0.55 mm thick or larger.	58 kg/m ²

Framing

A minimum stud size of 92 mm deep by 0.55 mm thick. Channel runners are fixed to the floor and ceiling in true alignment. Stud spacing at 600 mm maximum. Place studs to allow a 15 mm expansion gap at the top of the frame for non load bearing system. The studs are held in place by the "grip" of the channel runners. Light locating fasteners that fail at high temperatures, such as single aluminium rivets, may be used. Otherwise positive fixing to either channel must be avoided.

Non Loadbearing - Recommended maximum height of 3000mm, higher walls are subject to specific design.

Lining

One layer of 13 mm and one layer of 16 mm thick Powerscape® Rocklining on each side of the steel frame.

Vertical or horizontal fixing is permitted. Sheet joints must be formed over framing or back blocked (screw and glue). Sheets shall be touch fitted.

Offset joints between sheets by 600 mm on opposite sides of the frame.

A 5mm gap should be left between the Rocklining and the floor. All gaps must be sealed with a fire and/or acoustic rated sealant aligned to the wall rating.

Fasteners

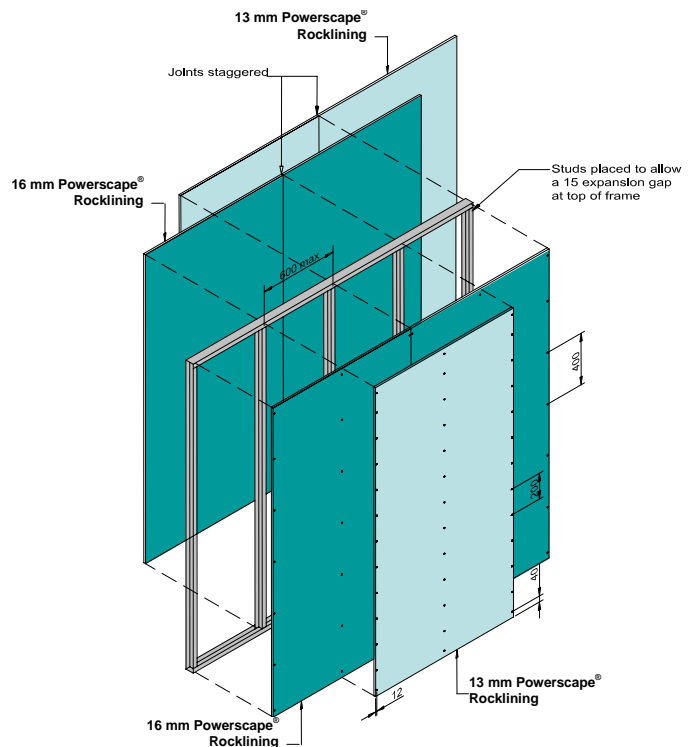
25 mm x 7 g scavenger head high thread drywall screws at 300 mm centres for inner layers. 40 mm by 7 g scavenger head high thread drywall screws at 300 mm centres for outer layers. No fixing to top and bottom channel sections.

Services

Holes may be drilled or pre-punched in the metal studs to allow installation of electrical service lines and plumbing supply pipes.

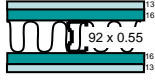
Jointing

All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the standard procedures for plasterboard.



Specification

Single Steel Studs – PRS90SiE

Specification Number	Load Bearing Capability	Fire Resistance Level	Lining Requirements	Insulation	R _w	R _w + C _{tr}	Framing Size	Approximate System Weight
PRS90SiE 	NLB	-/90/90	1 layer of 13 mm and 1 layer of 16 mm thick Powerscape® Rocklining on each side.	Single Layer of R 2.0 Glasswool or Polyester Blanket	56	50	92 mm deep by 0.55 mm thick or larger.	59 kg/m ²

Framing

A minimum stud size of 92 mm deep by 0.55 mm thick.
 Channel runners are fixed to the floor and ceiling in true alignment.
 Stud spacing at 600 mm maximum.
 Place studs to allow a 15 mm expansion gap at the top of the frame for non load bearing system. The studs are held in place by the "grip" of the channel runners. Light locating fasteners that fail at high temperatures, such as single aluminium rivets, may be used. Otherwise positive fixing to either channel must be avoided.

Non Loadbearing - Recommended maximum height of 3000mm, higher walls are subject to specific design.

Lining

One layer of 13 mm and one layer of 16 mm thick Powerscape® Rocklining on each side of the steel frame.
 Vertical or horizontal fixing is permitted. Sheet joints must be formed over framing or back blocked (screw and glue). Sheets shall be touch fitted.

Offset joints between sheets by 600 mm on opposite sides of the frame.

A 5mm gap should be left between the Rocklining and the floor. All gaps must be sealed with a fire and/or acoustic rated sealant aligned to the wall rating.

Fasteners

25 mm x 7 g scavenger head high thread drywall screws at 300 mm centres for inner layers. 40 mm by 7 g scavenger head high thread drywall screws at 300 mm centres for outer layers.
 No fixing to top and bottom channel sections.

Services

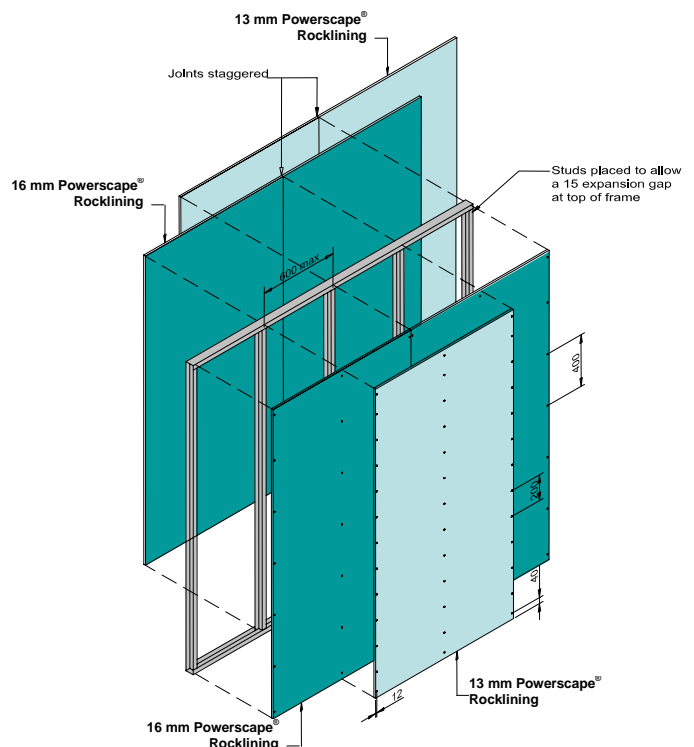
Holes may be drilled or pre-punched in the metal studs to allow installation of electrical service lines and plumbing supply pipes.

Joining

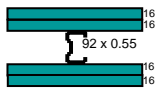
All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the standard procedures for plasterboard.

Insulation

Sound control insulation shall be a minimum of R2.0 glasswool or polyester blanket installed between the studs.



Specification Single Steel Studs – PRS120SiA

Specification Number	Load Bearing Capability	Fire Resistance Level	Lining Requirements	Insulation	R _w	R _w + C _{tr}	Framing Size	Approximate System Weight
PRS120SiA 	NLB	-/120/120	2 layers of 16 mm thick Powerscape® Rocklining on each side.	No Insulation	51	44	92 mm deep by 0.55 mm thick or larger.	63 kg/m ²

Framing

A minimum stud size of 92 mm deep by 0.55 mm thick.

Channel runners are fixed to the floor and ceiling in true alignment.

Stud spacing at 600 mm maximum.

Place studs to allow a 15 mm expansion gap at the top of the frame for non load bearing system. The studs are held in place by the "grip" of the channel runners. Light locating fasteners that fail at high temperatures, such as single aluminium rivets, may be used. Otherwise positive fixing to either channel must be avoided.

Non Loadbearing - Recommended maximum height of 3000mm, higher walls are subject to specific design.

Lining

A double layer of 16 mm thick Powerscape® Rocklining on each side of the steel frame. Vertical or horizontal fixing is permitted. Sheet joints must be formed over framing or back blocked (screw and glue). Sheets shall be touch fitted.

Offset joints between sheets by 600 mm on opposite sides of the frame.

A 5mm gap should be left between the Rocklining and the floor. All gaps must be sealed with a fire and/or acoustic rated sealant aligned to the wall rating.

Fasteners

25 mm x 7 g scavenger head high thread drywall screws at 300 mm centres for inner layers. 40 mm by 7 g scavenger head high thread drywall screws at 300 mm centres for outer layers.

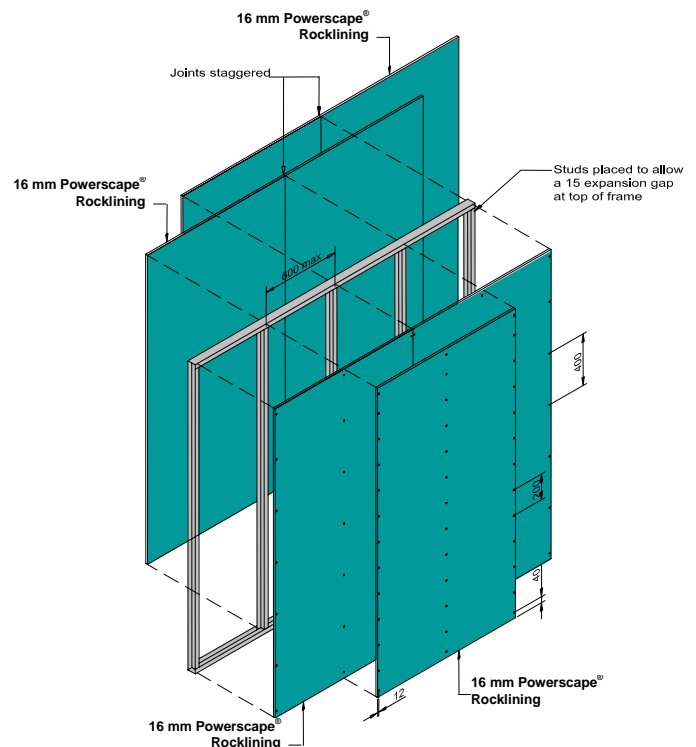
No fixing to top and bottom channel sections.

Services

Holes may be drilled or pre-punched in the metal studs to allow installation of electrical service lines and plumbing supply pipes.

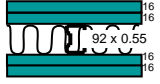
Jointing

All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the standard procedures for plasterboard.



Specification

Single Steel Studs – PRS120SiB

Specification Number	Load Bearing Capability	Fire Resistance Level	Lining Requirements	Insulation	R _w	R _w + C _{tr}	Framing Size	Approximate System Weight
PRS120SiB 	NLB	-/120/120	2 layers of 16 mm thick Powerscape® Rocklining on each side.	Single Layer of R 2.0 Glasswool or Polyester Blanket	56	51	92 mm deep by 0.55 mm thick or larger.	64 kg/m ²

Framing

A minimum stud size of 92 mm deep by 0.55 mm thick.
 Channel runners are fixed to the floor and ceiling in true alignment.
 Stud spacing at 600 mm maximum.
 Place studs to allow a 15 mm expansion gap at the top of the frame for non load bearing system. The studs are held in place by the "grip" of the channel runners. Light locating fasteners that fail at high temperatures, such as single aluminium rivets, may be used. Otherwise positive fixing to either channel must be avoided.

Non Loadbearing - Recommended maximum height of 3000mm, higher walls are subject to specific design.

Lining

A double layer of 16 mm thick Powerscape® Rocklining on each side of the steel frame. Vertical or horizontal fixing is permitted. Sheet joints must be formed over framing or back blocked (screw and glue). Sheets shall be touch fitted.

Offset joints between sheets by 600 mm on opposite sides of the frame.

A 5mm gap should be left between the Rocklining and the floor. All gaps must be sealed with a fire and/or acoustic rated sealant aligned to the wall rating.

Fasteners

25 mm x 7 g scavenger head high thread drywall screws at 300 mm centres for inner layers. 40 mm by 7 g scavenger head high thread drywall screws at 300 mm centres for outer layers.
 No fixing to top and bottom channel sections.

Services

Holes may be drilled or pre-punched in the metal studs to allow installation of electrical service lines and plumbing supply pipes.

Jointing

All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the standard procedures for plasterboard.

Insulation

Sound control insulation shall be a minimum of R2.0 glasswool or polyester blanket installed between the studs.

