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Maximum Load 1 - Load on Wall

Loads to be sustained by each individual anchor in the wall

Below is specified how much weight is supported by each anchor (screw) depending on the products.

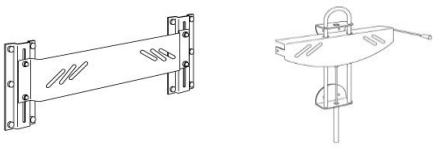
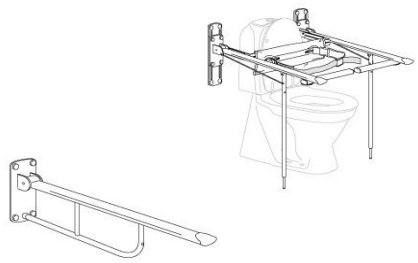
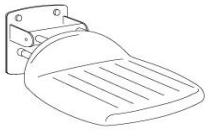
Each product has a specific number of ancors, and based on this, the load on eac anchor has been calculated, both for the product sustaining normal load and the product sustaining maximum load.

On page 2 can be found a list of different anchor types and the load they can sustain when fitted into different wall types.

On page 3 it is possible to see the compatibility between each product and a specific type of wall.

On page 4 are suggestions as to how to reinforce a plasterboard wall with plywood.

These suggestions are to be considered as guidelines only.

	Product	When loaded with maximum load	each anchor supports	When loaded with maximum load incl. safety factor	each anchor supports
					
	Wash basin bracket (R1210)	80 kg	20 kg	120 kg	30 kg
	Wash basin bracket (R1214)	80 kg	22 kg	120 kg	33 kg
					
	Support arm (R1100)	120 kg	242 kg	180 kg	363 kg
	Support arm with leg (R1101, R1102)	135 kg	81 kg	202 kg	122 kg
	Support arm (R1110)	120 kg	81 kg	180 kg	122 kg
	Support arm with leg (R1111)	135 kg	86 kg	202 kg	129 kg
	Support system (R1160)	135 kg	29 kg	202 kg	44 kg
					
	Folding shower seat (R1600)	125 kg	95 kg	185 kg	143 kg
	Folding shower seat with legs (R1602)	125 kg	60 kg	185 kg	90 kg

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Subject to alteration without further notice

Maximum Load 2 - Wall Anchors

Choosing the appropriate anchor for a specific type of wall

Wall Type	Fischer Type	Anchor Type	Maximum load
Concrete >B25	SX12	Coach Screw 10x80	230 kg
Concrete >B25	SX12	Bolt 10x70	230 kg
Concrete >B25	Injection Anchor FIS V		1150 kg
Solid Brick >= Mz12	SX12	Coach Screw 10x80	75 kg
Solid Brick >= Mz12	SX12	Bolt 10x70	75 kg
Solid Brick >= Mz12	Injection Anchor FIS V		100 kg
Solid Sand Lime Brick >= Hlz12	SX12	Coach Screw 10x80	220 kg
Solid Sand Lime Brick >= Hlz12	SX12	Bolt 10x70	220 kg
Solid Sand Lime Brick >= Hlz12	Injection Anchor FIS V		100 kg
Hollow Brick >= Hlz12	SX12	Coach Screw 10x80	30 kg
Hollow Brick >= Hlz12	SX12	Bolt 10x70	30 kg
Hollow Brick >= Hlz12	Injection Anchor FIS V		100 kg
Aerated Concrete P4	SX12	Coach Screw 10x80	50 kg
Aerated Concrete P4	SX12	Bolt 10x70	50 kg
Aerated Concrete P4	GB14	M10x105	90 kg
Aerated Concrete P4	Injection Anchor FIS V		60 kg
Hollow Sand Lime Brick >=KSL12	SX12	Coach Screw 10x80	40 kg
Hollow Sand Lime Brick >=KSL12	SX12	Bolt 10x70	40 kg
Plasterboard (2 x 12,5 mm)	KD8	Toggle	39 kg
Plasterboard (2 x 12,5 mm) water-resistant	KD8	Toggle	58 kg
Plasterboard (1 x 12,5 mm) re-enforced with 22 mm plywood	KD8	Toggle	133 kg
Plywood 22 mm	KD8	Toggle	133 kg
Chipboard 19 mm	KD8	Toggle	86 kg

***Safety factor: 5**

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Maximum Load 3 - Check List

Recommended load if wall is built in compliance with national standards

Start by finding the type of wall (on the right) in which you wish to install a product:

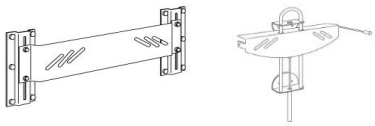
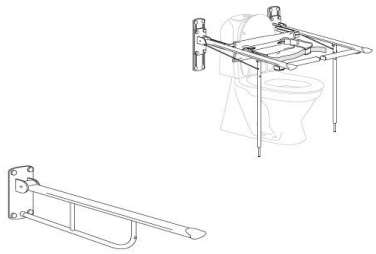
Then find the product below and see if it is compatible with the type of wall you have chosen.

√ Compatible for maximum load (see page 1 for specification of maximum load for each product)

(√) Compatible for normal load (see page 1 for specification of normal load for each product)

X Not compatible

In case of X Not compatible, please refer to page 4, for suggestions on how to reinforce a plasterboard wall.

		Type of wall										
		Concrete >B25	Solid Brick >= Mz12	Solid Sand Lime Brick >= Hlz12	Hollow Brick >= Hlz12	Aerated Concrete P4	Hollow Sand Lime Brick >= KSL12	Plasterboard (2 x 12,5 mm)	Plasterboard (2 x 12,5 mm) water resistant	Plasterboard (1 x 12,5 mm) reinforced with 22 mm plywood	Plywood 22 mm	Chipboard 16 mm
	Product											
	Wash basin bracket (R1210)	√	√	√	√	√	√	(√)	√	√	√	√
	Wash basin bracket (R1214)	√	√	√	√	√	√	(√)	√	√	√	√
	Support arm (R1100)	√	(√)	(√)	(√)	(√)	X	X	X	(√)	(√)	(√)
	Support arm with leg (R1101, R1102)	√	√	√	√	√	√	X	(√)	√	√	√
	Support arm (R1110)	√	√	√	√	√	(√)	(√)	(√)	√	√	√
	Support arm with leg (R1111)	√	√	√	√	√	√	√	√	√	√	√
	Support system (R1160)	√	√	√	√	√	√	√	√	√	√	√
	Folding shower seat (R1600)	√	√	√	(√)	(√)	X	X	X	(√)	(√)	(√)
	Folding shower seat with legs (R1602)	√	√	√	(√)	(√)	X	X	X	(√)	(√)	(√)

Please refer to page 4 for recommendations on how to reinforce a wall, if it the wall you have is not compatible with the product(s) you wish to install.

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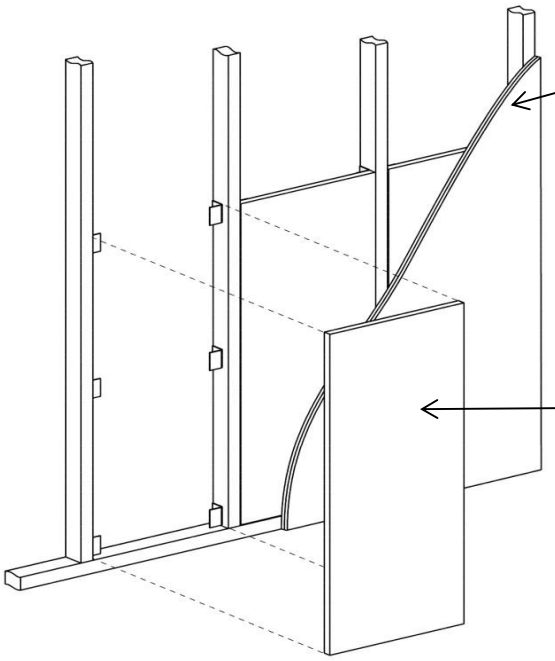
Maximum Load 4 - Reinforcement

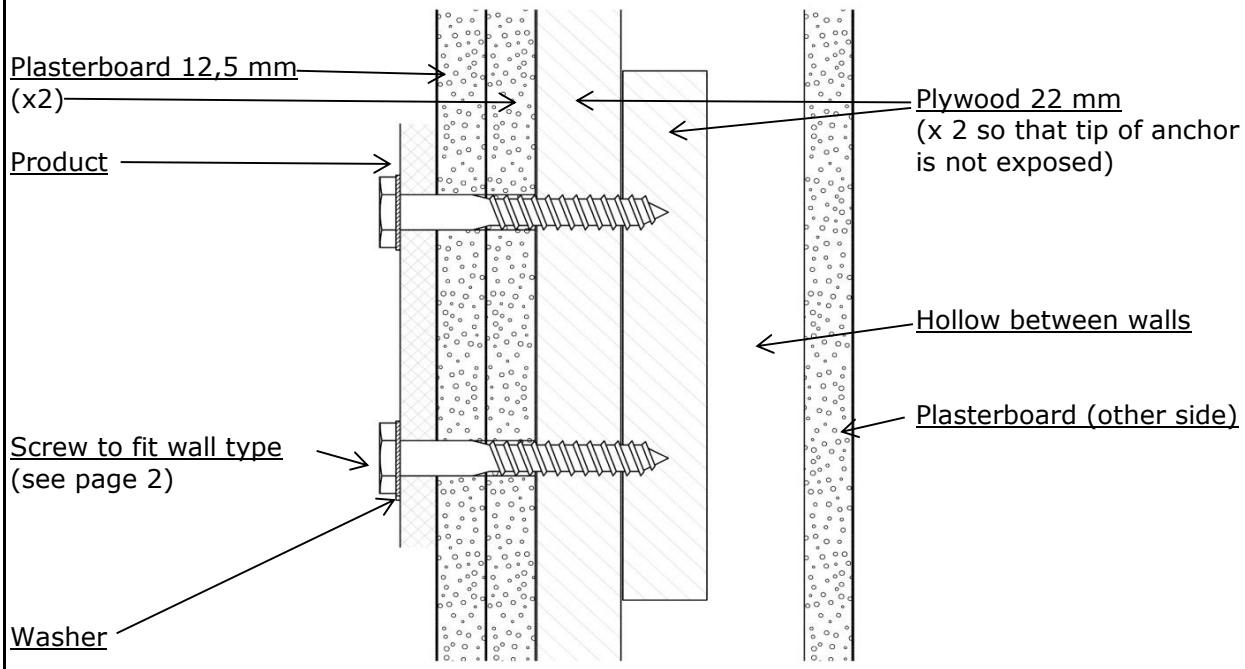
Reinforcements of walls should always comply with national standards



Plasterboard 12,5 mm (x2)
(water-resistant)

Plywood 22 mm (x 2)

Please refer to mounting instructions for indication of the placement in height of plywood plate.



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Pressalit Care can not be held responsible for reinforcements made in a faulty manner.

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