

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.

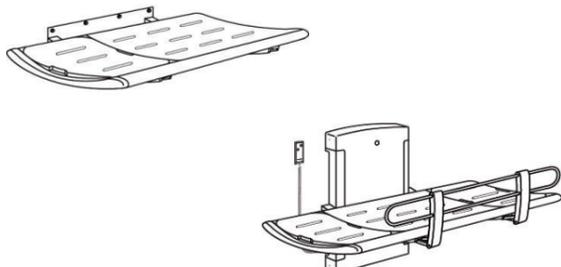
Each product has a specific number of anchors, and based on this, the load on each anchor has been calculated, both for the product sustaining normal load and the product sustaining maximum load.

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 <u>maximum</u> load	each anchor supports	When loaded with <u>maximum</u> load incl. safety factor	each anchor supports
	Nursing Bench 3000 (powered) (R8513, R8518, R8533, R8538)	200 kg	26 kg	300 kg	39 kg
	Nursing Bench 3000 (fixed) (R8503, R8508, R8523, R8528)	200 kg	26 kg	300 kg	39 kg
	Nursing bench 2000 (powered) (R8468, R8478)	175 kg	23 kg	260 kg	35 kg
	Nursing bench 1000 (powered) (R8400, R8401, R8402, R8403)	150 kg	20 kg	225 kg	30 kg

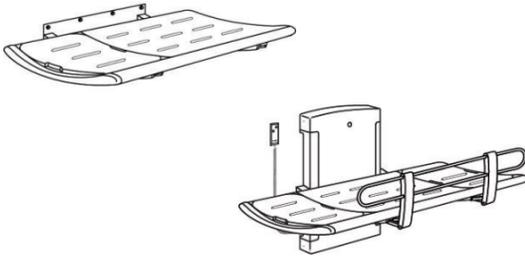
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The above recommendations are based on experience and internal test results.

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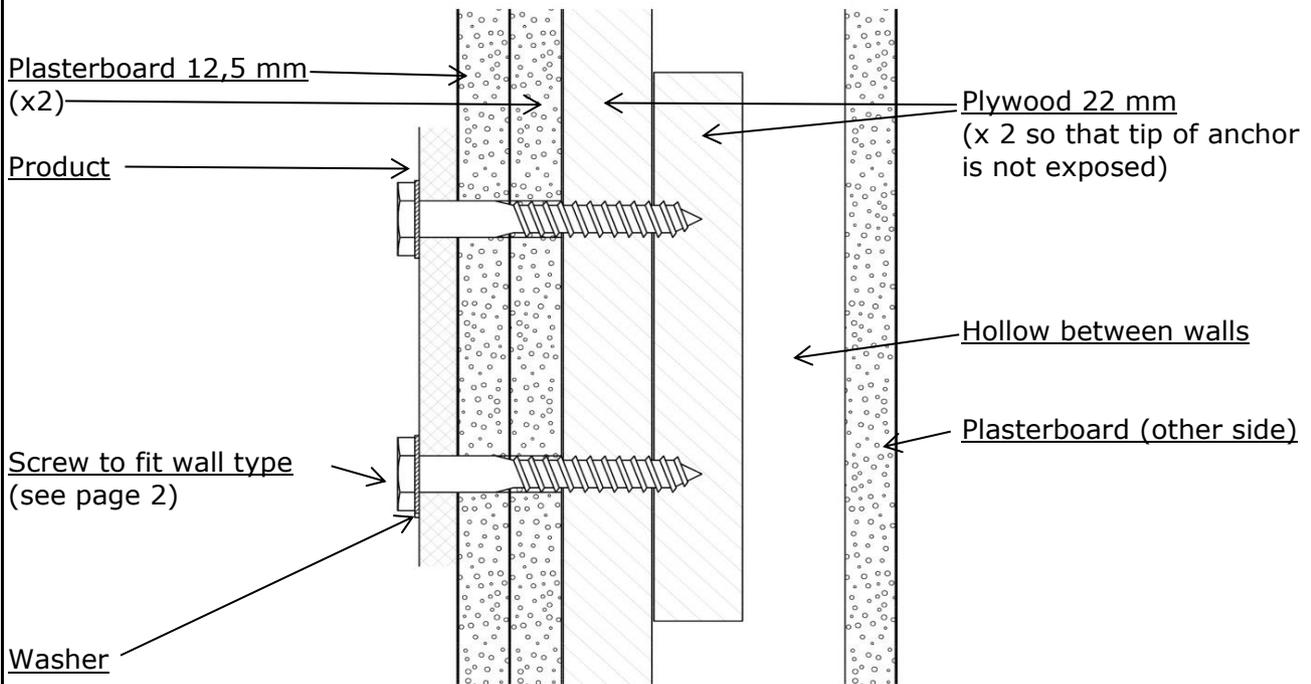
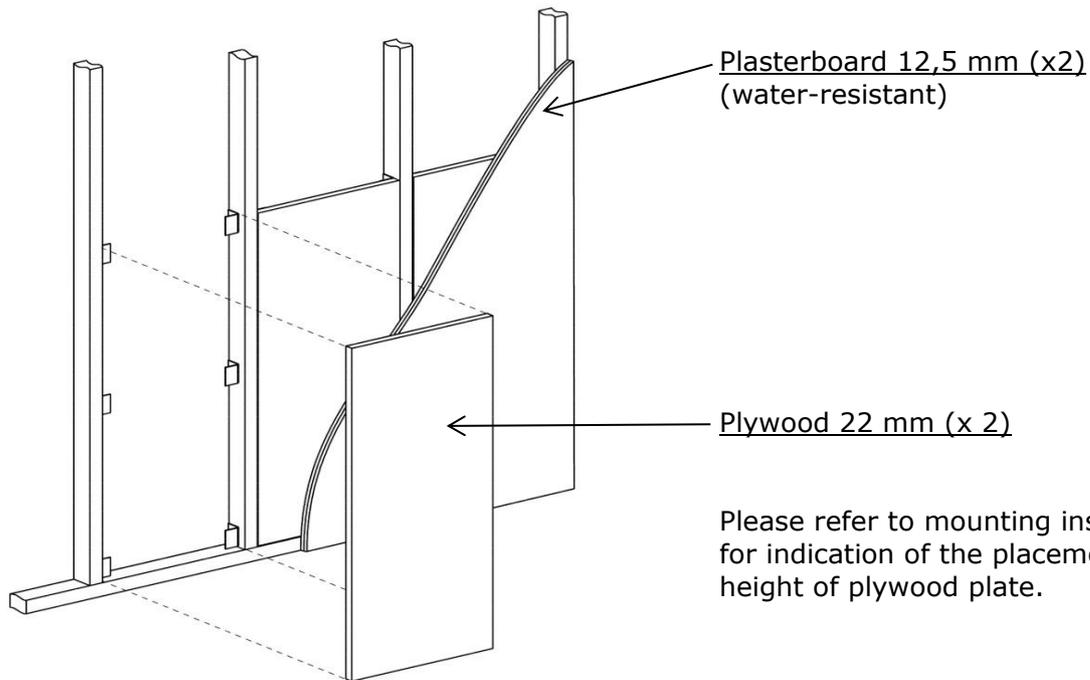
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Maximum Load 2 - Wall Anchors			
Choosing the appropriate anchor for a specific type of wall			
Wall Type	Fischer Type	Anchor Type	Maximum load
Concrete >B25	SX12	Coach Screw 10x80	230 kg
Concrete >B25	SX12	Bolt 10x70	230 kg
Concrete >B25	Injection 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											
		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
<p>Start by finding the type of wall (on the right) in which you wish to install a product:</p> <p>Then find the product below and see if it is compatible with the type of wall you have chosen.</p> <p>✓ Compatible for maximum load (see page 1 for specification of maximum load for each product)</p> <p>(✓) Compatible for normal load (see page 1 for specification of normal load for each product)</p> <p>✗ Not compatible</p> <p>In case of ✗ Not compatible, please refer to page 4, for suggestions on how to reinforce a plasterboard wall.</p>											
Product											
	Nursing Bench 3000 (powered) (R8513, R8518, R8533, R8538)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Nursing Bench 3000 (fixed) (R8503, R8508, R8523, R8528)	✓	✓	✓	✓	✓	(✓)	(✓)	✓	✓	✓
	Nursing bench 2000 (powered) (R8468, R8478)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Nursing bench 1000 (powered) (R8400, R8401, R8402, R8403)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<p>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.</p> <p>Pressalit Care can only be held responsible for installations carried out by Pressalit Care's own installers.</p> <p>The above recommendations are to be considered as guidelines only.</p> <p>The above recommendations are based on experience and internal test results.</p> <p>Subject to alteration without further notice.</p>											

Maximum Load 4 - Reinforcement

Reinforcements of walls should always comply with national standards



Pressalit Care can only be held responsible for installations carried out by Pressalit Care's own installers.

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

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