

Loads and weights

Rule of thumb for wall band

Use the following table to calculate the maximum load that a shelf section can bear if no tracks are used. Take the weight in the table for the wall material in question and multiply it by the number of screws that are used for a shelf section. This will give you the maximum load capacity for that section.

Material	Thickness	Bears
Single plasterboard	13 mm	approx. 30 kg
Light-weight concrete		approx. 30 kg
Particle board	14 - 16 mm	approx. 40 kg
Double plasterboard	26 mm	approx. 50 kg
Brick (compact)		approx. 60 kg
Wood beam		approx. 65 kg
Concrete		approx. 70 kg

elfa hanging system is flexible, easy to move and leaves few holes in the wall

- Installing the easy hang system takes one-third of the time it takes to install a traditional shelving system.
- The screw holes in the top track are adjusted to the **beams in the walls**.
- The top track is level with 2 screws fitted.
- It is easy to move the hanging standards to the right position.
- One person can easily install the system.

What it weighs

This table shows you how much different things weigh. Use the table to calculate the approximate weight the shelves can bear.

Type	Weight
1 metre of fiction sized books	approx. 20 kg
1 metre of full office files	approx. 30 kg
1 metre of A4-size magazines	approx. 50 kg
1 metre of CD records	approx. 10 kg
1 metre of dictionaries	approx. 60 kg
1 stereo	approx. 20 kg
1 32" TV	approx. 30 kg
1 microwave oven	approx. 20 kg

Bending strength of shelf

The table shows the recommended centre-to-centre distance between the traditional standards for different shelf materials.

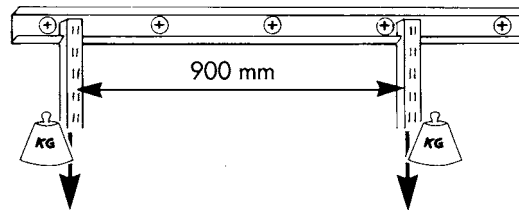
Type	Thickness	centre-to-centre distance
Particle board (melamine shelves)	18 - 20 mm	50 - 80 cm
MDF	18 - 20 mm	70 - 90 cm
Solid pine	18 - 20 mm	70 - 90 cm
Laminated board	18 - 20 mm	70 - 90 cm

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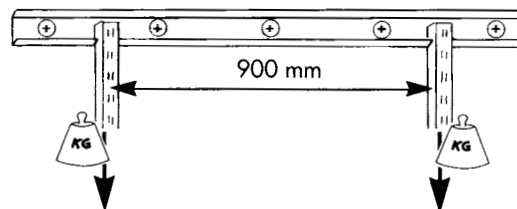
Max. load capacity in different wall materials

Maximum load capacity when the hanging standard is positioned near a screw



Wall material	Fastening	Maximum load capacity when the hanging standard is positioned by the outermost screw on the top track, kg	Maximum load capacity when the hanging standard is positioned by a screw further in on the top track, kg
Single plasterboard, 13 mm	Hollow Wall Anchor	70	90
Double plasterboard, 26 mm	Hollow Wall Anchor	120	150
Particle board, 12-16 mm	Hollow Wall Anchor	70	90
Wood (beam)	Screw	130	280
Light-weight concrete	Screw, plug	40	85
Brick	Screw, plug	90	200
Concrete	Screw, plug	155	300

Maximum load capacity when the hanging standard is positioned between screws



Wall material	Fastening	Maximum load capacity when the hanging standard is positioned by the outermost screw on the top track, kg	Maximum load capacity when the hanging standard is positioned by a screw further in on the top track, kg
Single plasterboard, 13 mm	Hollow Wall Anchor	100	120
Double plasterboard, 26 mm	Hollow Wall Anchor	150	180
Particle board, 12-16 mm	Hollow Wall Anchor	100	120
Wood (beam)	Screw	130	280
Light-weight concrete	Screw, plug	40	85
Brick	Screw, plug	90	200
Concrete	Screw, plug	155	300