

Wall thickness	The nominal partition thickness is 82 mm.
Construction	The walls are built using a steel construction of special vertical posts located between lower and upper profiles. The panels and frames are clipped to these posts using a click-and-fix system.
Base/upper boards	Recessed steel base and upper boards.
Wall panels	Melaminated or veneered 12 mm chipboard panels. The panels are clipped to the structure by means of a clip-strip. The panels are filled with rock wool to a thickness of 40 mm. Versions with 19 mm panels are possible.
Module linking	By means of an O-ring joint between both closed panels and window and door frames. These are clipped by means of a click-and-fix system where the panels and door frames and linked frames meet.
Glass elements	Steel or aluminium window frames, double-glazed with 4 mm glass on one side and 6 mm glass on the other.
Door frames	Aluminium door frames in straight, round or elliptical versions.
Doors	A range of doors, developed by Maars itself, can be delivered in a great variety, such as hardened glass doors, 40 mm thick steel doors, wall thick doors in steel or glass, aluminium frame doors and sliding doors. Those are all deliverable in fire-resistant or sound-resistant quality options.
Door fittings	Loose-joint hinges: 3 system-linked chromium-plated loose-joint hinges per door frame. Lock: Lips 2500/16/U20 series. A choice of fittings.
Finish	All visible wall components are given a powder coating using an environmentally friendly process in a choice of colours from the Maars RAL selection. Available in silk finish or textured. Other colours by arrangement.
Soundproofing	In its closed version, this type of wall has a laboratory-measured airborne sound insulation index of up to 45 dB.
Fire-resistance	In its closed version, this type of wall has been tested for fire resistance and can withstand fire for a duration of at least 30 minutes.

We will be happy to discuss any special versions of the Maars String partition walls such as walls with different materials, special colours, sizes, finishes, etc. The Maars String system is so versatile that we can most certainly meet all your wishes and requirements.