

Wall thickness	The nominal wall thickness is 82 mm.
Construction	The system is erected by using special steel studs that fit into ceiling and floor tracks. The panels and window frames are then fitted onto the studs by means of a click-and-fix system.
Skirting	Recessed steel floor- and ceiling tracks.
Wall panels	Metal panels with a 12.5 mm acoustic rigidiser panel on the back. The panels are clipped to the structure by means of a special mounting /clip-strip and filled with rock wool to a thickness of 40 mm.
Module linking	By means of an O-ring joint or 5 mm joint between closed panels and window and doorframes. These are clipped by means of a patented click-and-fix system where the panels and door frames and linked frames meet.
Glass elements	Steel or aluminium window frames, double-glazed with a standard 4 mm clear, hardened glass on one side and 6 mm clear, hardened glass on the other. Alternative types of glass in 4, 6 and 8 mm thicknesses are available.
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 or sound resistant quality options. Steel flush Maars doors, 40 mm thick can be supplied in standard wall-height sizes. Also available in the same thickness as the partition.
Door furniture	Loose-joint hinges: 3 system-linked chromium-nickel plated loose-joint hinges per door frame. Lock: Lips 2500/16/U20 series. A choice of door handles/rosettes.
Finish	All visible wall components are powder coated 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.
Sound rating	In its closed version, this type of partition has a laboratory measured airborne sound insulation index of up to 47 dB.
Fire resistance	In its closed version, this type of partition has been fully tested for fire-resistance and can withstand fire for a tested duration of at least 30 minutes. Also available in a 60-minute fire-resistant version.

We will be happy to discuss all special available options of the Maars Metaline partitioning, regarding different materials, special colours, dimensions, finishes and even physical achievements. The Maars Metaline system is so versatile that we can most certainly satisfy all your personal wishes and requirements.

All those aesthetic and physical properties in melamine and veneer are also available in the Maars String and String2 programme.