maars LIVING WALLS®

string²

the ultimate wall, with the ultimate values

At Maars, we are always looking for ways to improve the environment and create workplaces where people feel comfortable and perform in the best possible way. That is why we came up with the idea of Living Walls.
An inspiring concept of remountable, integrated wall solutions for healthcare, office buildings, airports, education, hospitality, industry and retail, among others.

The most visionary architects worldwide choose Living Walls. They have seen us as the supplier of innovative wall solutions for over 75 years. Solutions that contribute to the productivity and well-being of employees as well as being distinctive due to their sustainable and circular nature.

In this way, we want to surprise and inspire people. By providing a unique visual experience, optimal comfort, well-being, security and privacy. Sustainable, environmentally-friendly and with Cradle to Cradle certification.

Welcome to the world of Maars!

■ maarslivingwalls.com

string²

living walls

The modular, sustainable String² wall solution offers ingenious and challenging options for inspiring, atmospheric and efficient work and meeting spaces. The system combines creative and architectural options, providing maximum design versatility. String² also distinguishes itself with outstanding acoustic and fire-resistant performances.

design freedom

remountable

Sustainability and circularity are in the center of Maars Living Walls design. We create products that are designed to excel in modular construction and re-use as a standard practice. The ability to reuse our products is both good for the environment and also the flexibility of your space.

The key sustainability features of String²:
- Uniform modules; separate and quick and easy to move
- The base of the system is steel
- Fully demountable into reusable or recyclable parts
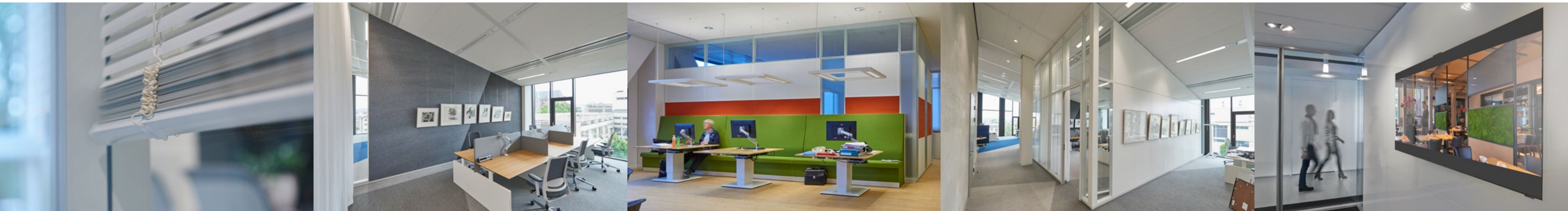- Refurbishable panels; with a new finish or workmanship the wall will last for years

reduce
reuse
recycle

cradletocradle CERTIFIED SILVER

cradletocradle CERTIFIED BRONZE

ultimate form of functionality

String² sets the standard for functionality and the applicability of partitions. The basis for this is the very solid construction combined with an ingenious modular click system. This allows for sustainable, reusable and aesthetic designs with both horizontal and vertical lines. Can be carried out with virtually invisible joints between the panels.

Easily find the height with the String² system. By stacking - up to six meters high - or combining with other materials and elements, you can achieve a sleek overall look with an elegant aesthetic. The versatile system has already been used internationally in many ambitious projects, where the creative and constructional options have been integrated in the best possible way.

revitalization

integrated functionality

String² has been designed as the ultimate system wall, with which anything is possible. In addition to modular construction and maximum integration options, String² allows you to 'design what you think & go beyond'. Such as high sound values, fire resistance, flexibility, stacking to unprecedented heights, patented integrated ventilation studs and special studs for attaching shelves.

String² also offers integrated modules for light, air, sound, multimedia, climate control, cabinets, design panels and furniture elements. In addition, String² is suitable for the Maars Magnetics add-ons, consisting of magnetic coat hooks, picture hooks, document holders, nameplates and many other smart magnetic solutions.

Thanks to String²'s versatility, functionality and its many combination and integration options, this innovative wall system is in demand for healthcare applications. The steel walls score high in terms of hygiene, fire resistance, air tightness, durability and acoustic properties. They are also X-ray proof and can be provided with antibacterial coatings.
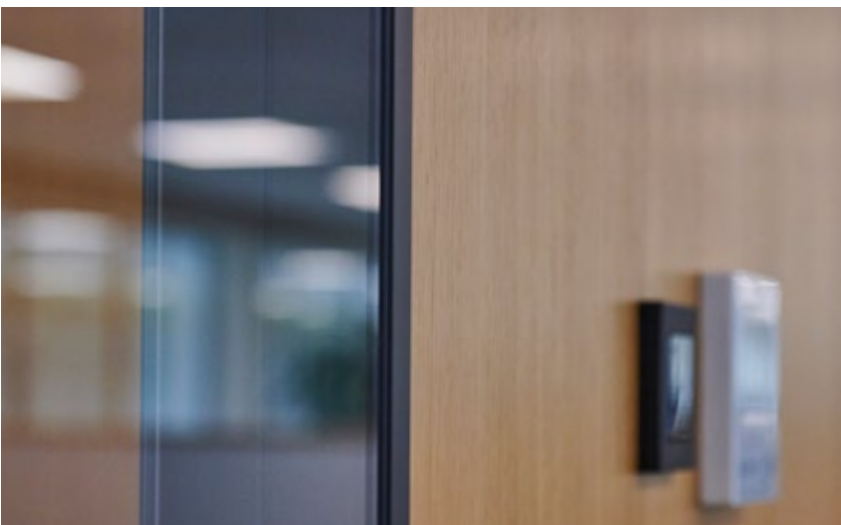
health care

Thanks to the bi-block principle, String² can be combined almost indefinitely with materials and elements. Such as a wall covered with steel on one side and textile, wood or another material on the other. This in turn can be easily combined with various glazing options. Think of double, single or half glazing, combined with a unique absorption panel for optimal absorption and sound insulation, or fitted with integrated horizontal blinds.

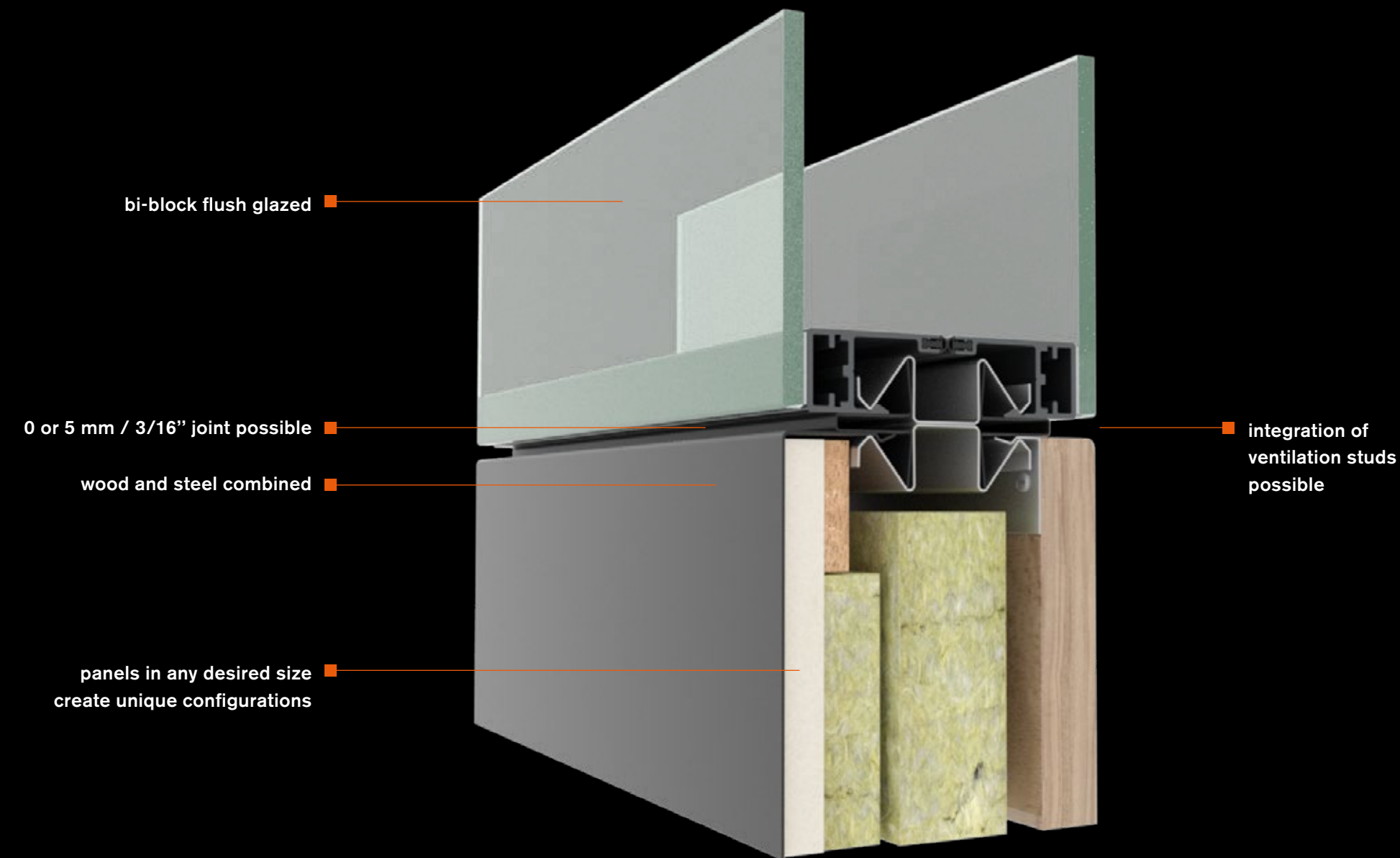

endless combinations

string²

features
& benefits

All String² elements are quick and easy to connect, thanks to the innovative Maars click system. This allows you to remain flexible with regard to future modifications.

- Infinite finishing options
- Most flexible configuration
- Sound insulation up to 55 dB / 56 STC
- Fire resistance of EI 60
- Easy installation through patented click system
- Cradle to Cradle Bronze / Silver certification

bi-block flush glazed

0 or 5 mm / 3/16" joint possible

wood and steel combined

integration of ventilation studs possible

panels in any desired size create unique configurations

maximum performance

String² combines functionality, durability and versatility while offering maximum performance. This makes the acoustic and fire-resistant performance of String² wall solutions unprecedented. Fire resistance is rated according to EN standards with a score of EI 60.

committed to circularity

For Maars, the well-being of people in any space is essential. We are always looking for sustainable, responsible solutions and we are constantly researching new production techniques. Reduce, reuse and recycle are firmly rooted in our business philosophy: from eco-friendly coatings to CO_2 offsets and the 5S 'lean manufacturing' methodology. Our products help improve your BREEAM and LEED scores. We have established an integrated operational management system for all critical quality, environmental and safety processes in order to have full control over our quality, environmental and health & safety policies. By scrutinising the entire production process, we can be more efficient in terms of production while reducing energy consumption. Maars' ongoing commitment to innovation and circularity has been recognised with a Cradle to Cradle Bronze certificate for all our wall systems and ISO-9001 / ISO-14001 certification. (Be sure to ask about our certified products.)

reduce
reuse
recycle

*Ask for our certified products.

SGS ISO 9001   SGS ISO 14001   FSC www.fsc.org FSC® C105718 The mark of responsible forestry   PEFC PEFC/30-31-283   vca^V   CERTIFIED cradletocradle BRONZE   CERTIFIED cradletocradle SILVER

string²

create and design interiors beyond your imagination

Maars 4D provides you with intelligent, highly visual and intuitive space planning software to make specifying and selling products easier. Maars 4D enables you to create realistic visualisations, including a moving fly through of your future space. This allows you to provide your customer a unique experience before you have even started the installation.

Rendered with maars 4D software

maars 4D

visit www.maarslivingwalls.com to learn the possibilities
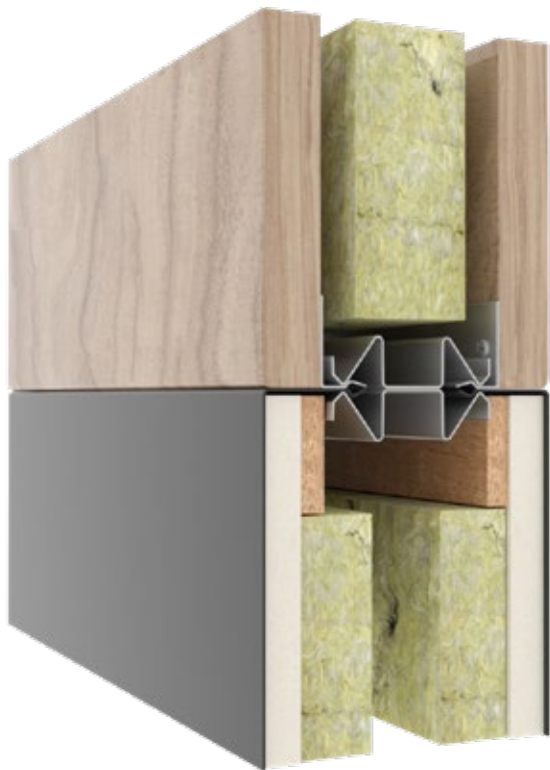
great performance, unique details

Cross-section of the bottom of the wall. With adjustable skirting for flexible installation.

Seamless connection with 0 joint between panels with different finishes.

technical specifications

DESCRIPTION
Demountable system wall with steel and chipboard panels

CONSTRUCTION
Wall thickness: 100 mm / 3 15/16"
Connections floor / ceiling 1.5 mm / 1/16" galvanised steel profiles
Oxidised clamp studs in galvanised steel in 0 or 5 mm / 13/64" joint
Horizontal and vertical partitions are possible

CLOSED MODULES
• 0.8 mm / 1/32" galvanised steel with 12.5 mm / 1/2" gypsum panel and integrated clamp stud setting
• 18 mm / 5/8" chipboard with melamine, HPL or veneer top layer
• Fabric covered steel panels

DOOR MODULES
Door frames: Steel or aluminium
Wide range of 40 mm / 1 5/8" or 100 mm / 3 15/16" thick doors.

GLAZED MODULES
Window frame, aluminium, double-glazed with 4 mm / 1/8", 6 mm/ 1/4" or 8 mm / 5/16", glass in monoblock, bi-block or bi-block flush

STANDARD SIZES
Height 3,100 mm / 10' 2 1/16"
Width 900 / 1,200 mm /
2' 11 7/16" / 3' 11 1/4"
Nominal skirting height
• 10 – 40 mm / 3/8" - 1 5/8" Ceiling
• 10 – 60 mm / 3/8" - 2 3/8" Floor
Weight approx. 35 kg/m2

FINISHES
• Surface treatment
  - Visible metal parts: environmentally friendly epoxy powder coating, layer thickness approx. 80 mu. Based on the standard Maars colours. Other colours in consultation.

  - Extensive range of finishes in fabric, HPL, veneer available.

• Glazing
  - Several different options are possible, such as acoustic laminated, coated, privacy glass or sandblasted.

INSTALLATION TOLERANCES
Floor +/- 13 mm / 1/2"
Ceiling +/- 13 mm / 1/2"

INTEGRATION OF ELECTRICITY AND DATA CABLES
Perforated clamp studs allow wiring to be incorporated into the wall. Removable panels make the wall easily accessible for subsequent changes.

SOUND
Weighted sound insulation index in accordance with
EN ISO 717-1
Closed modules, steel: up to RW 55 dB / 56 STC
Closed modules, chipboard: up to RW 50 dB / 50 STC
Glazed modules: up to RW 51 dB / 50 STC
Door module closed: up to RW 44 dB / 44 STC
Door module glazed: up to RW 41 dB / 41 STC

FIRE
Fire resistance in accordance with
EN 1363-2, EN1364-1 and EN 1634-1.
Closed: up to EI 60
Glazed: up to EI 60
Door: up to EI 60

LIVING OPTIONS
Maars offers a wide range of options that can be integrated into our wall system, depending on the wall type. Ventilation studs, sound panels, cabinets, shelf supports, climate control panels, dynamic light, multimedia, fabric covered panels, privacy glass or Maars Magnetics. Ask your Sales Project Manager about our total product range.

maars LIVING WALLS®

products

Styleline	lineaCube
Metaline	Doors
String²	Living Options
Panorama	M923.
Horizon	Core
lalinea	

expertise

Office	Airport
Care & Cure	Hospitality
Education	Industrial
Revitalisation	Automotive