

string



livingw alls

LIVING WALLS

Ingenious
Futuristic
Surreal

CALL US WHAT YOU LIKE

'We are no ordinary modular walls. We are alive.

*We inspire with dynamic colours, we warm you up or give
you goose bumps. We change our appearance. We produce
the most beautiful sounds. We arouse your imagination and
stimulate achievements. Discover us. Hear us. Feel us.'*

At Maars, our fascination with the wonderful influence the environment can have on a person continues to grow. More and more is becoming known about the stimulating effect of the spaces in which people spend their time. Can a hospital room contribute to faster recuperation? Can modular walls generate positivity or improve learning performances at schools? Maars wants to know and experience everything. As such, Maars Living Walls symbolises a wealth of opportunities which the modular walls offer to enable you to feel at one with your environment and get the best out of yourself. This is achieved by smartly integrating acoustics, air, light, sound, colour and images. The use of the latest technologies creates innovative concepts which create a living environment in which you become inspired, perform better and feel safe. For example, Maars has put together a colour pallet for care, the so-called Healing Colours, which have been proven to contribute to recovery. The Maars Living Walls interact with you and create exactly the environment you need. To do so, we look at colour, shape and use of materials, however unusual. Maars follows the latest trends and knows how to make it specifically applicable in its industry.

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combine

aesthetics with efficiency

High tech with a natural warmth

Maars String combines the natural character of wood with the sleekest and most elegant designs you could wish for. The ingenious construction of this versatile partition wall makes it possible to achieve a wall thickness of only 82 mm. The patented click system offers unprecedented, quick assembly as well as unique adaptability. Maars String has proven in projects around the world how well constructive high tech goes with attractive wall cladding such as veneer, melamine and textiles. And perhaps the best feature of all: beneath that elegant exterior lies a surprisingly economic construction.

Sleek aesthetics with subtle lines

Whether you are looking for an ultra-modern design or a more classic look with String modules, your partition wall will always be highly aesthetic. The recessed top and bottom plinths accentuate the sleek shape of the wall and the 0 mm joints between the closed panels and between door and window frames create a sleek, subtle appearance.

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perfect
of tomorrow
tion

**Harmony in glass,
steel and wood**

Thanks to the attractive, high-quality materials of a String partition wall you can create a harmonious whole. The different materials can be seamlessly mixed and matched to create an endless variety of designs. With String it is also possible to incorporate steel frames in the wall. Maars String offers a wide choice of wood, textile and glass types. Add to this the many colours and patterns in which the system is available and it will be clear that the variations are virtually endless.

You can choose from a wide selection in the doors range, from functional to high-spec architectural design. Maars can also help you choose the right combination of doors and accessories. See our doors brochure for the complete doors range.

Livingw
alls

versa
tility

choose the maximum





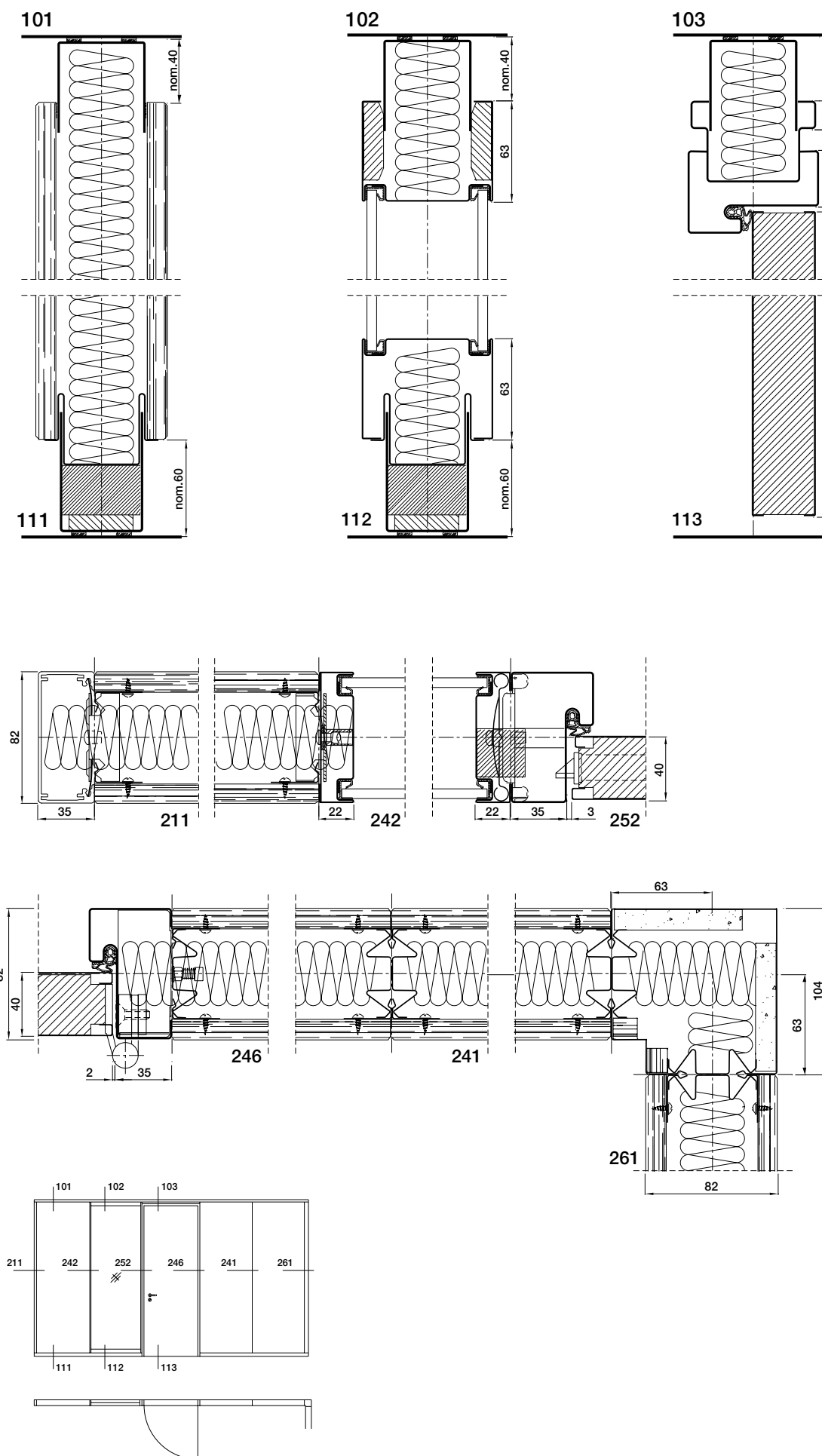
Tailored solutions

With the String partition wall you are not limited to standard solutions. You can expect a tailored solution for your project, in every way; in the aesthetic sense, in terms of materials and colours used, but also when it comes to tailoring the dimensions and layout to your precise requirements. What's more, the patented Maars click and fix system for assembling elements ensures flexibility for future adaptations. In short, the String wall system can be fully adapted to your needs, now and in the future. Irrespective of the composition of materials and elements, each String wall can be disassembled, adapted, moved and expanded quickly and easily.

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create

an advanced working space



Technical specifications

DESCRIPTION

Demountable particleboard and/or steel faced partition.

STRUCTURE

- SOLID ELEMENTS:
 - Thickness: 82 mm
 - Uprights/Studs: steel sections, 2 x 0,8 mm clinched clamping stud
 - Panels: 13 mm melamine finished particleboard panels
 - 13 mm veneer finished particleboard panels
 - Fabric covered steel or particleboard panels
 - Steel, galvanized, 0,8 mm on 12,5 mm plaster-board backing
 - Internal filling: mineral wool
 - Floor and ceiling U-channels: 1,5 mm galvanized steel sections

- GLAZED ELEMENTS:
 - Single or double glazed panels in 4, 6 or 8 mm thickness in monoblock steel or aluminium frames
 - Integrated blinds possible

- DOOR ELEMENTS:
 - Doorframe: aluminium or steel frames provided with 3 hinges
 - Door leaves: Wide range of doors from 40 mm or 100 mm thick doors.
 - Check our doors range for further options

JOINTS

- 0 mm joint
- 5 mm shadow joint (between solid panels only)

FINISHES

- SURFACE TREATMENT: for all visible metal parts: environmental friendly epoxy powder coating approx. 80µ thickness.
- COLOURS: according to Maars colour chart. Other colours possible after consultation.
- GLAZING: a variety of options is available, such as sandblasting, film, painted glass. Other manifestations possible after consultation.

STANDARD DIMENSIONS

- Height: 3100 mm
- Width: solid panels 900/1200 mm, glass 900/1200 mm
- Other sizes in height or width after consultation.
- Weight: 31 kg/m², solid

INSTALLATION

- TOLERANCES:
 - Floor: +/- 13 mm
 - Ceiling: +/- 13 mm
 - Adjustable floor track for easy adjusting of tolerances
- CONNECTION:
 - All solid elements are connected by using clamping studs, monoblock elements are connected through a patented “twist and click” connector, enabling easy installation and easy disassembly.
- INTEGRATION OF ELECTRICAL AND DATA SERVICES
 - Perforated clamping studs provide access for wiring and other services. Demountable panelling provides easy access for installation afterwards.

CLEANING

Please check our website for our cleaning and maintenance instructions.

LIVING OPTIONS

Maars offers a wide range of options which can be integrated in our partitioning systems, depending on the type of wall. Ventilation studs, sound panels, cupboards, shelving systems, climate control panels, dynamic lighting, multimedia, panels clad with textile, privacy glass and our wide range of Maars Magnetics. See: www.maarsmagnetics.com. Check the Living Options brochure and www.maarslivingwalls.com for more information.

ACOUSTICS

- Weighted sound reduction index to EN ISO 717-1
- Solid: From Rw (C; Ctr)= 40 (-2 ; -7) dB to Rw (C; Ctr)= 47 (-2 ; -7) dB
 - Glazed panels: From Rw (C; Ctr)= 29 (-1 ; -4) dB to Rw (C; Ctr)= 44 (-1 ; -5) dB
 - Doors, solid: From Rw (C; Ctr)= 31 (-2 ; -2) dB to Rw (C; Ctr)= 37 (-1 ; -4) dB
 - Door, glazed: Rw (C; Ctr)= 30 (0 ; -1) dB

FIRE

Fire resistance to EN 1363-2, EN 1364-1 and EN 1634-1. Equivalent to BS Standards.

- Solid: EI 30
- Glazed: EI 30
- Door: EI 30

Due to our policy of constant improvement our products are subject to change. Please check for the latest details: www.maarslivingwalls.com

Technische Daten

BESCHREIBUNG

Demontierbare, mit Stahl und/oder Spanplatten verkleidete Trennwand.

STRUKTUR

- MASSIVE ELEMENTE:
 - Stärke: 82 mm
 - Stützen/Ständer: Stahlprofile, 2 x 0,8 mm gestauchte Spannschraube
 - Oberflächen: 13 mm melaminbeschichtete Spanplattenpaneele
 - 13 mm furnierbeschichtete Spanplattenpaneele
 - Stoffbezogene Stahl- oder Spanplattenpaneele
 - Stahl, verzinkt, 0,8 mm auf 12,5 mm Rückwand aus Gipskarton
 - Innerer Füllstoff: Mineralwolle
 - Boden- und Decken- U-Profile: 1,5 mm verzinkte Stahlprofile

- VERGLASTE ELEMENTE:
 - Einfach- oder doppelverglaste Paneele in 4, 6 oder 8 mm Stärke in Monoblock-Profilen aus Stahl oder Aluminium
 - Integrierte Jalousien möglich

- TÜRELEMENTE:
 - Türrahmen: Aluminium oder Stahl, Rahmen mit 3 Bändern
 - Türblätter: Breites Sortiment Türen, von 40 mm bis 82 mm.
 - Weitere Optionen finden Sie in unserem Türenprogramm

FUGEN

- Nullfuge
- 5 mm-Schattenfuge (nur zwischen massiven Paneelen)

FINISHES

- OBERFLÄCHENBEHANDLUNG: Bei allen sichtbaren Metallteilen: Umweltfreundliche Epoxidpulverbeschichtung, etwa 80 µ Dicke.
- FARBEN: Nach der Maars Farbtafel. Weitere Farben nach Absprache.

- VERGLASUNG: Eine Vielzahl von Optionen steht zur Auswahl, zum Beispiel Sandstrahlen, Folie, lackiertes Glas. Weitere Gestaltungsformen nach Absprache.

STANDARD ABMESSUNGEN

- Höhe: 3100 mm
- Breite: Massive Elemente 900/1200 mm, Verglaste Elementen 900/1200 mm
- Andere Größen in Höhe oder Breite nach Rücksprache.
- Gewicht: 31 kg/m², massiv

INSTALLATION

- TOLERANZEN:
 - Boden: +/- 13 mm
 - Decke: +/- 13 mm
 - Verstellbare Bodenschiene zur einfachen Adaption von Toleranzen
- VERBINDUNG:
 - Alle massiven Elemente werden mit Spannschrauben verbunden, Monoblock-Elemente durch das patentierte „Twist and Click“- System, das eine einfache Installation und den späteren problemlosen Zugang ermöglicht.
- INTEGRIERTE STROMVERSORGUNG UND DATENÜBERTRAGUNG
 - In die Perforierte Stützen kan Mann die Verkablung aufnehmen und das ist Leicht Ausführbar weil wir Demontabele Paneele verwenden.

REINIGUNG

Für Reinigungs- und Pflegehinweise ziehen Sie bitte unsere Website zu Rate.

LIVING OPTIONS

Maars bietet eine Vielzahl von Optionen, die je nach Wandtyp in unsere Trennwandsysteme integrierbar sind. Lüftungsstege, Schallschutzpaneele, Schränke, Regalsysteme, Klimatisierungspaneele, dynamische Beleuchtung, Multimedia, mit Textilien verkleidete Paneele, Privacy-Glas und unser umfangreiches Maars Magnetics Programm. Siehe unter: www.maarsmagnetics.com. Weitere Informationen in der Living Options-Broschüre und unter www.maarslivingwalls.com.

AKUSTIK

- Bewertetes Schalldämmmaß nach DIN EN ISO 717-1
- Vollwand: Ab Rw (C; Ctr)= 40 (-2 ; -7) dB bis Rw (C; Ctr)= 47 (-2 ; -7) dB
 - Verglaste Paneele: Ab Rw (C; Ctr)= 29 (-1 ; -4) dB bis Rw (C; Ctr)= 44 (-1 ; -5) dB
 - Türen, Voll: Ab Rw (C; Ctr)= 31 (-2 ; -2) dB bis Rw (C; Ctr)= 37 (-1 ; -4) dB
 - Tür, verglast: Rw (C; Ctr)= 30 (0 ; -1) dB

FEUERWIDERSTAND

Feuerwiderstand nach DIN EN 1363-2, DIN EN 1364-1 und DIN EN 1634-1.

- Vollwand: EI 30
- Verglast: EI 30
- Tür: EI 30

Wir streben nach kontinuierlicher Verbesserung unserer Produkte. Daher können diese Veränderungen unterliegen. Die aktuellsten Details finden Sie unter: www.maarslivingwalls.com

Spécifications techniques

DESCRIPTION

Partitionnement démontable avec face agglomérée et/ou en acier.

STRUCTURE

- **ÉLÉMENTS SOLIDES**
 - Épaisseur: 82 mm
 - Montants / Supports: sections en acier, 2 x 0,8 mm crampon de serrage
 - Extérieur: panneaux agglomérés 13 mm avec finition mélamine
 - Panneaux agglomérés 13 mm avec finition laminée
 - Panneaux en acier recouverts de tissu ou panneaux agglomérés
 - Panneaux en acier galvanisé, 0,8 mm, collée sur une plaque de plâtre de 12,5 mm Rembourrage intérieur: laine minérale
 - Passages sol et plafond en U forme: sections acier galvanisé de 1,5 mm

- **ÉLÉMENTS VITRÉS:**
 - Panneaux simple ou double vitrage d’une épaisseur de 4, 6 ou 8 mm dans les sections monobloc en acier ou en aluminium avec rainures
 - Possibilité d’intégration de stores dans les éléments vitrés

- **ÉLÉMENTS DE PORTE:**
 - Châssis: châssis en aluminium ou en acier avec 3 charnières
 - Modèles de portes: Choix allant de portes de 40 mm ou 100 mm recouvertes avec des feuilles en acier aux portes avec double vitrage. Découvrez notre programme des portes pour voir d’autres possibilités

JOINTS

- Jointure en 0 mm
- Jointure en 5 mm pour des modules solides

FINITIONS

- **TRAITEMENT DE LA SURFACE:** pour toutes les parties métalliques visibles: couche de poudre epoxy, épaisseur +/- 80µ.

- **COULEURS:** en fonction du nuancier de Maars. Toutes autres couleurs sur consultation.

- **VITRAGE:** une variété d’options est disponible, par exemple le pistolage au sable, une pellicule, des vitres peintes. Toutes autres variantes sur consultation.

STANDARD DIMENSIONS

- Hauteur: 3100 mm
- Largeur: panneaux solides 900/1200 mm, éléments vitrés 900/1200 mm. Autre dimensions in hauteur ou largeur sur consultation.
- Poids: 31 kg/m², pour les éléments solides

INSTALLATION

- **TOLÉRANCES:**
 - Sol: +/- 13 mm
 - Plafond: +/- 13 mm
 - Chenille au sol réglable pour une adaptation aisée des tolérances

- **CONNEXION:**

Tous les éléments sont reliés au moyen de tenons et montant de serrage; les éléments monobloc sont reliés via un connecteur « tournez et cliquez » breveté, permettant une installation simple et un accès aisé après l’installation.

- **INTÉGRATION DE SERVICES ÉLECTRIQUES ET DE DONNÉES**

Les serrages perforés permettent le passage de câbles et autres. Les panneaux offrent un accès aisé lors d’installations ultérieures.

ENTRETIEN

Prenez connaissance de notre site internet pour l’entretien et la maintenance.

LIVING OPTIONS

Maars offre une gamme d’options qui peuvent être intégrées dans nos systèmes de compartimentage, en fonction du type de mur. Des tenons de ventilation, des panneaux d’insonorisation, des placards, des systèmes d’étagères, des tableaux de contrôle de la climatisation, un éclairage dynamique, multimedia, des panneaux recouverts de tissu, des vitrages fermés, et notre gamme de Maars magnétiques. Allez sur le site: www.maarsmagnetics.com. Découvrez la brochure Living Options sur le site www.maarslivingwalls.com

ACOUSTIQUE

Indice pour l’évaluation de la réduction sonore selon les normes EN ISO 717-1

- Plein: De Rw (C; Ctr)= 40 (-2 ; -7) dB à Rw (C; Ctr)= 47 (-2 ; -7) dB
- Panneaux vitrés: De Rw (C; Ctr)= 29 (-1 ; -4) dB à Rw (C; Ctr)= 44 (-1 ; -5) dB
- Portes plein: From Rw (C; Ctr)= 31 (-2 ; -2) dB to Rw (C; Ctr)= 37 (-1 ; -4) dB
- Porte vitrée: Rw (C; Ctr)= 30 (0 ; -1) dB

FEU

Résistance au feu selon les normes EN 1363-2, EN 1364-1 et EN 1634-1. Équivalent aux normes BS.

- Plein: EI 30
- Vitrage: EI 30
- Porte: EI 30

Notre politique vise à améliorer sans cesse nos produits, ils sont susceptibles de changer. Pour les tous derniers détails, veuillez consulter le site: www.maarslivingwalls.com

Technische specificaties

OMSCHRIJVING

Demonteerbare systeemwand met spaanplaten en/of staalpanelen.

CONSTRUCTIE

- **GESLOTEN ELEMENTEN:**
 - Wanddikte: 82 mm
 - Stijlen / Beugels: stalen secties, 2 x 0,8 mm dikke geklonken klemstijl
 - Panelen: 13 mm dik spaanplaat met een melamine of kunststof toplaag
 - Met stof beklede stalen of spaanplaten panelen
 - Staal, gegalvaniseerd, 0,8 mm dik op gipsplaten van 12,5 mm dik
 - Vulling: steenwol
 - U-profielen op de vloer en het plafond: 1,5 mm dikke gegalvaniseerd stalen delen

- **BEGLAASDE ELEMENTEN:**
 - Elementen met dubbele beglazing van 4, 6 of 8 mm in aluminium of stalen profielen gevat
 - Optioneel: geïntegreerde jaloezieën

- **DEURELEMENTEN:**
 - Deurkozijn: aluminium of staal v.v. 3 scharnieren
 - Deuren: breed assortiment van 40 mm of 82 mm dikke deuren. Bekijk ons deurenprogramma voor de mogelijkheden

VERBINDINGEN

- 0 mm voeg
- 5 mm schaduwverbinding (alleen tussen gesloten panelen)

AFWERKING

- **OPPERVLAKTEBEHANDELING:** voor alle zichtbare metalen delen: milieuvriendelijke epoxy poedercoating, ca. 80µ dik.

- **KLEUREN:** op basis van de Maars kleurenkaart. Andere kleuren in overleg.

- **BEGLAZING:** meerdere opties mogelijk, zoals zandstralen, gecoat of met folie. Andere vormen in overleg.

STANDAARD AFMETINGEN

- Hoogte: 3100 mm
- Breedte: gesloten panelen 900/1200 mm, glas 900/1200 mm Afwijkende maten in hoogte en breedte in overleg.
- Gewicht: 31 kg/m², gesloten elementen

INSTALLATIE

- **MARGES:**
 - Vloer: +/- 13 mm
 - Plafond: +/- 13 mm
 - Verstelbare vloerplint waardoor verschillen in de hoogte makkelijk zijn op te vangen

- **VERBINDING:**

Alle gesloten elementen zijn verbonden door stijlen; beglaasde elementen zijn verbonden met een gepatenteerde “twist and click” verbinding, waardoor de systeemwand makkelijk te monteren is en achteraf makkelijk te demonteren.

- **INTEGRATIE VAN ELEKTRICITEITS- EN DATAKABELS**

Geperforeerde klemstijlen bieden de mogelijkheid om bedrading op te nemen in de wand. Demontabele panelen maken de wand goed toegankelijk voor wijzigingen achteraf.

ONDERHOUD

Raadpleeg onze website voor schoonmaak- en onderhoudsinstructies.

LIVING OPTIONS

Maars biedt een breed scala aan opties die, afhankelijk van het wandtype, in ons wandsysteem geïntegreerd kunnen worden. Ventilatiestijlen, geluidspanelen, kasten, plankendragers, panelen met klimaatcontrole, dynamic light, multimedia, met stof beklede panelen, privacyglas of Maars Magnetics. Zie: www.maarsmagnetics.com. Bekijk de ‘Living Options’ brochure en www.maarslivingwalls.com voor meer informatie.

GELUID

Gewogen geluidsisolatie-index voldoet aan EN ISO 717-1

- Gesloten panelen: Van Rw (C; Ctr)= 40 (-2 ; -7) dB naar Rw (C; Ctr)= 47 (-2 ; -7) dB
- Beglaasde panelen: Van Rw (C; Ctr)= 29 (-1 ; -4) dB naar Rw (C; Ctr)= 44 (-1 ; -5) dB
- Deuren, gesloten: Van Rw (C; Ctr)= 31 (-2 ; -2) dB naar Rw (C; Ctr)= 37 (-1 ; -4) dB
- Deur, beglaasd: Rw (C; Ctr)= 30 (0 ; -1) dB

BRAND

Brandwerendheid voldoet aan EN 1363-2, EN 1364-1 en EN 1634-1.

- Gesloten: EI 30
- Beglaasd: EI 30
- Deur: EI 30

Omdat wij onszelf continu verbeteren, veranderen onze producten voortdurend. Kijk voor de meest recente details op: www.maarslivingwalls.com

Thinking of tomorrow

'I generate a wonderful space. I am sustainable. I am built from beautiful, natural products. I will be reused in the future. A strange thought. I feel good, because I am put together well.'

The welfare of people in any space is central to Maars. That includes public space. As such, Maars is constantly looking for sustainable and responsible solutions. New production techniques are not avoided, rather they are sought out and studied. Reducing, reusing and recycling has become deeply rooted within the philosophy of the company. Maars knows that things always can and always must be done better. For instance, we have made enormous progress with environmentally-friendly coatings, CO2-compensation and 5S, 'lean manufacturing'. Maars can also contribute to a higher BREEAM and LEED score. In order to be able to fully control our own quality, environmental and health & safety policy, Maars has set up an integrated operational management system within which all critical processes in terms of quality, environment and safety are assured. This approach has won broad recognition and Maars is ISO-9001, ISO-14001 and FSC certified. By scrutinising the entire production process, we are now able to produce more efficiently and continue to reduce energy consumption. A notable example is the fact that our process water is purified 'in house'.

Reduce
Reuse
Recycle

Living
walls

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