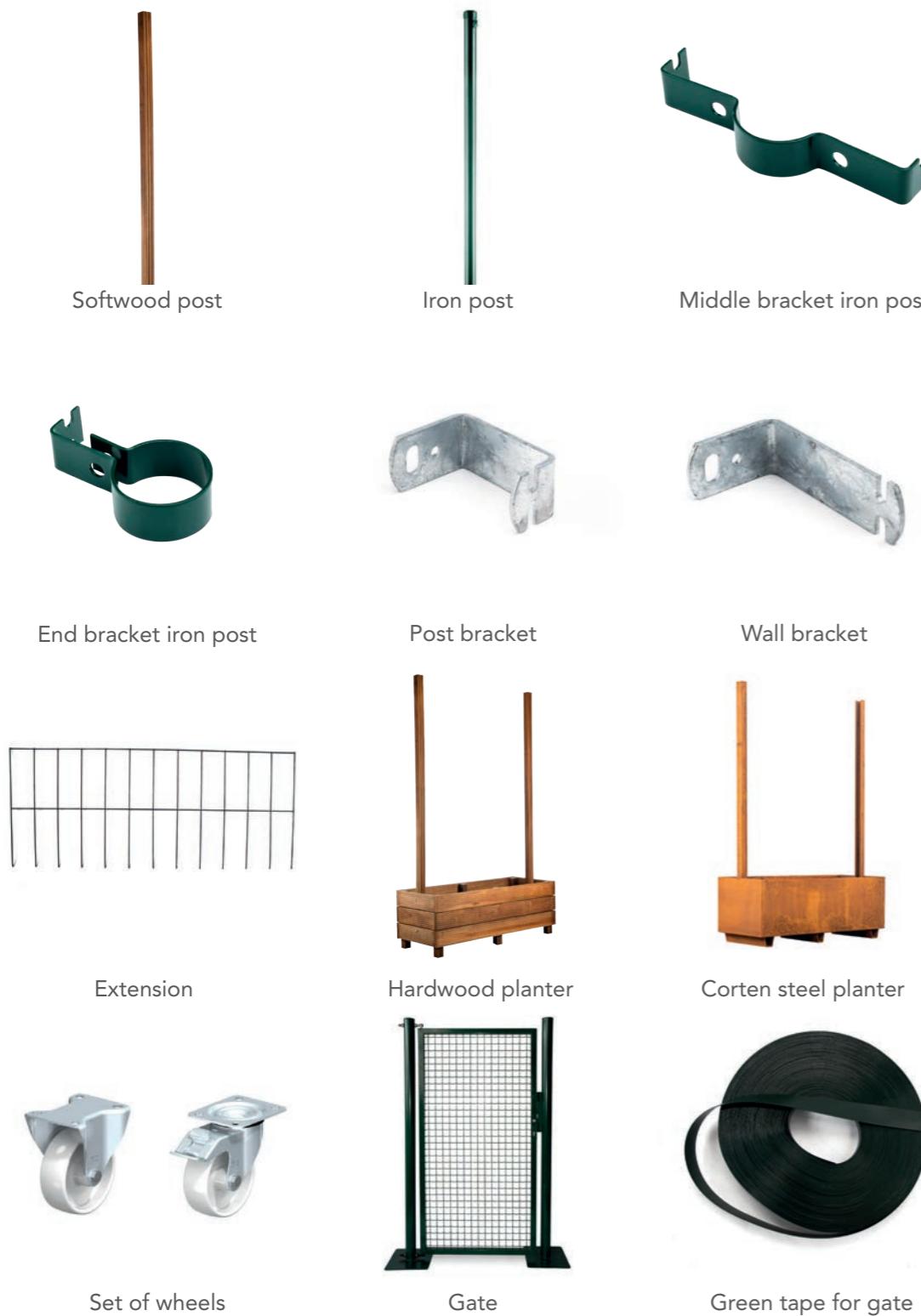


# ACCESSORIES



## ACCESSORIES

Product	Description / size
Softwood post Class 4 FSC	75mm x 75mm x 1500mm 75mm x 75mm x 2400mm 75mm x 75mm x 3600mm 100mm x 100mm x 3600mm
Iron post, green coated	Ø48 mm x 1750 mm Ø48 mm x 2600 mm Ø48 mm x 3100 mm
Bracket, galvanised	Post bracket Wall bracket
Bracket, green coated	Middle bracket End bracket
Hardwood planter	144 x 40 x 40 cm 144 x 60 x 50 cm
Corten steel planter	134 x 55 x 52 cm
Set of wheels for wooden planter	(2 swivel castors, 2 fixed castors, bolts)
Extension	120 x 25 cm 120 x 50 cm 120 x 75 cm 120 x 100 cm 120 x 125 cm 120 x 150 cm 120 x 175 cm
Gate	100 x 95 cm incl. 2 posts (Ø60 mm) with 1 cylinder lock 100 x 175 cm incl. 2 posts (Ø76 mm) with 1 cylinder lock
Green tape	1 rol is sufficient for 2 gates of 100 x 175 cm





## MobiRoof ECO®

MobiRoof ECO is a ready-made green roof system that consists of a plant cassette filled with substrate and 6 - 8 different types of Sedum. The cassettes are easily placed against each other, creating a green roof immediately. MobiRoof ECO is an extensive green roof system suitable for flat roofs and roofs with a slope angle of up to 10 degrees (20%) and always remains movable.

### READY-MADE CASSETTE

The unique lightweight cassette system is planted with different types of sedum plants and equipped with a substrate that, in addition to the function of growth medium, ensures drainage and storage of water. Additionally is that the cassettes can also be replaced. This allows the sedum roof to be designed according to your requirements.

### A SUSTAINABLE GREEN ROOF FOR A GREEN FUTURE

MobiRoof ECO is a circular green roof system. The cassette is made of recycled material and fully recyclable. This reduces environmental pressure and reduces waste flow. The cassettes are pre-grown locally with cuttings from our own nursery.

### SEDUM PLANTS

The plants improve air quality through CO<sub>2</sub> reduction as well as capturing fine particles. UV rays no longer reach the underlying roof, which considerably extends the lifespan of the roofing material. The sedum cassettes also protect the roof against the effects of weather and help store rainwater.

A green roof is super easy



### MOBIROOF ECO BENEFITS

- Collection and buffering of rainwater
- Contributes to biodiversity
- Insulating and sound-absorbing effect
- Extends the life of the roof
- Aesthetic value
- Increases the value of real estate
- Increased efficiency of solar panels
- Eligible for subsidies and tax breaks

### UNIQUE FEATURES

- Ready-to-use cassette with substrate and sedum plants
- Lightweight green roof system
- Ready for use as roof cover
- Easy to install and replace
- Water retention of 20 litres per m<sup>2</sup> (optional 30 litre per m<sup>2</sup>)
- Sustainably and locally produced
- Circular, recycled and fully recyclable
- Low maintenance
- Can be used on both flat and slightly sloping roofs

Sustainable and circular green roof system

## MOBIROOF ECO SPECIFICATIONS

Product	Size (w x h x d)	Retention capacity	Weight
MobiRoof ECO	50 x 50 x 6 cm (= 0.25 m <sup>2</sup> = 4 cassettes per m <sup>2</sup> )	Approx. 20 litres per m <sup>2</sup> (optional 30 litre per m <sup>2</sup> )	Approx. 38 kg per m <sup>2</sup> dry and approx. 58 kg per m <sup>2</sup> fully saturated



## ADVICE

- The outer edges of the roof and around skylights and drain pipes, for example, should be finished with gravel in order to enhance the microclimate and prevent wind from getting under the cassettes.
- The Mobiroof ECO system is suitable for both flat roofs and roofs with a slight slope (up to approximately 20% or 10 degrees), in principle without any additional facilities. If used on roofs with steeper slopes, the system should then be anchored using, for example, an L profile.
- If root-suppressant roofing is not used on the roof, a root-suppressant breather membrane should be applied before installation.
- Irrigation is desirable in periods of extreme drought.
- Maintenance should be carried out once or twice a year, consisting of:
  - A general check
  - Fertilisation in Spring with sedum roof fertiliser
  - Trimming of plants that have finished flowering, mostly from mid-September onwards
  - The small cuttings can remain on the roof and the larger cuttings should be removed





# MobiPanel®



MobiPanel is an innovative, sustainable and lightweight system for living walls in existing buildings and new development projects. The latest generation in vertical green from Mobilane, specially developed to make future-proof and sustainable construction even more accessible. This unique modular system, with its interchangeable plant cassettes in two sizes, makes it possible to give a sustainable and vibrant appearance to both flat and curved walls.

## CLIMATE-PROOF CONSTRUCTION

Both existing and new outer walls with various surfaces can easily be greened using MobiPanel. This not only looks wonderful but also contributes to greater biodiversity, while purifying the air and controlling heat. An outstanding system for sustainable building, climate-proof construction and creating a healthy and attractive living environment.

## UNLIMITED AREAS OF APPLICATION

The modular system offers infinite options for use. The corrosion-resistant profiles can be installed both horizontally and vertically, depending on the format and layout of the backing wall. The profiles provide the bearing structure for the plant cassettes measuring 40 x 40 cm and the quarter cassettes (pixels) of 20 x 20 cm.

## SPACE FOR PLANTS

The plant cassettes are fitted with two spacious slots for plants of varying size. MobiPanel as a result lends itself to a broad range of plants, whether pre-grown or planted on site. The plants take up water from the internal water buffer via capillary microfibre textile. An automated irrigation and drainage system ensures an even supply of water and efficient water consumption.

## MOBIPANEL BENEFITS

- Contributes to greening the living environment
- Boosts air quality by absorbing fine dust and generating oxygen
- Contributes to biodiversity
- Raises property values
- Insulating and sound-dampening effects
- Captures rainwater
- Provides an immediate green effect

## UNIQUE FEATURES

- Suitable for flat and curved walls
- Suitable for various wall types including certain types of sandwich panels
- Interchangeable plant cassettes in two sizes (40 x 40 cm and 20 x 20 cm)
- Economical water consumption
- Complies with fire classification B-s2, d0
- Reusable and fully recyclable
- Equipped with automated irrigation and drainage system
- Lightweight and space-saving
- Modular system
- Easy to install on new and existing outer and inner walls

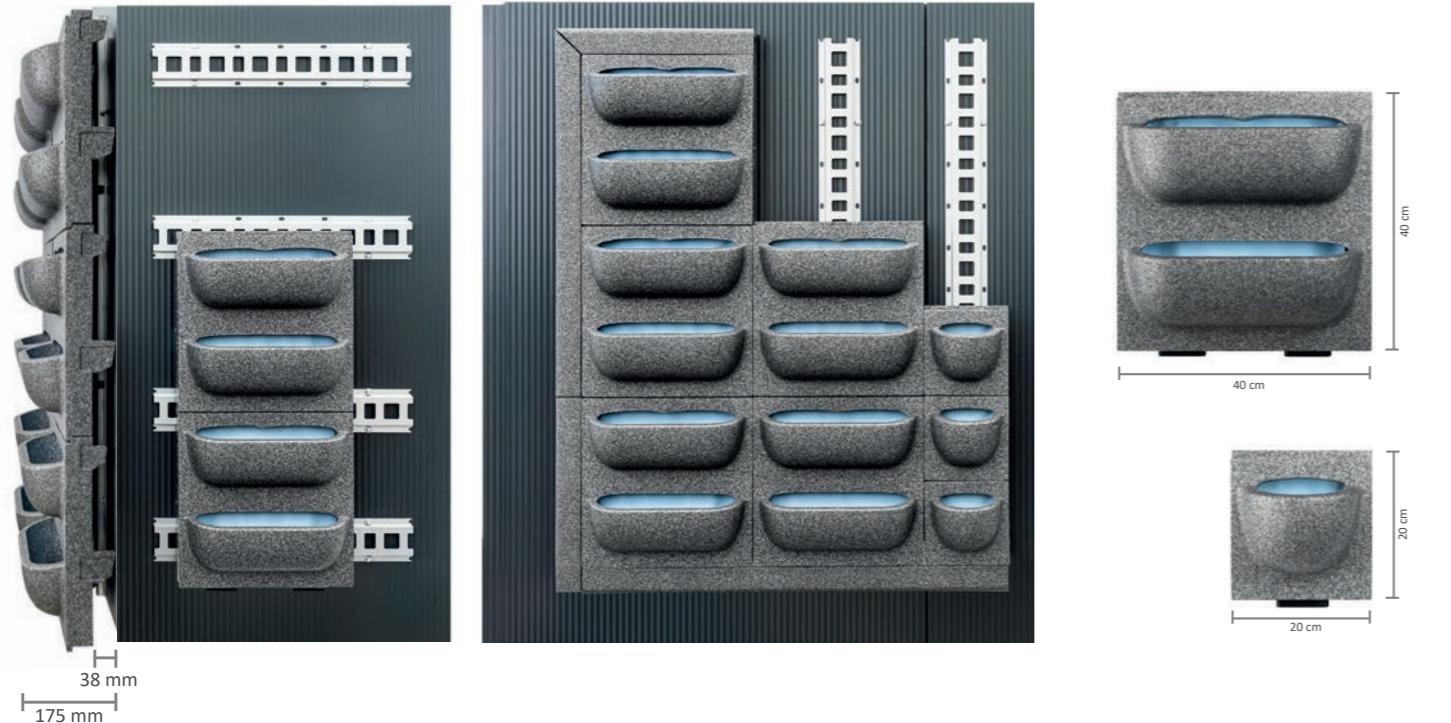
For a sustainable and climate-proof future



Creates green facades quick and easy with an innovative and modular system

## MOBIPANEL SPECIFICATIONS

Product	Size	Cassettes	Weight (incl. plants and water)
MobiPanel	Can be made in any size	The system is made up of cassettes measuring 40 x 40 cm and pixels of 20 x 20 cm	Maximum system weight when fully planted: 40 kg/m <sup>2</sup>



## CHARACTERISTICS

- The cassettes are mounted on the backing wall with omega profiles of Magnelis steel. These are exceptionally resistant to corrosion and can be used both horizontally and vertically on many types of backing wall, including certain types of sandwich panels. This provides space for passing water pipes and electricity cables through with ease.
- Proper ventilation of the outer wall is ensured by the gap of 38 mm between the rear of the cassettes and the backing wall.
- The omega profiles and covers have a standard size of 120 cm for efficient transport. They can be custom-made for large projects.

## RECOMMENDATION

It is recommendable to involve Mobilane as early as possible in the design and construction process to ensure optimal design for the technical requirements, such as the irrigation system and the piping and cabling.





## LivePanel®



The patented LivePanel Outdoor system creates a unique and innovative green facade, ideal for the installation of vertical greenery in otherwise grey and urban areas. Also known as living walls, the LivePanel Outdoor is planted with real plants, introducing foliage and flower and contributing not only to the aesthetic beauty of an exterior wall, but to the biodiversity, clean air quality levels, heat regulation and climate-proofing of city buildings.

### A UNIQUE SYSTEM

Adding a LivePanel Outdoor system transforms a bare and grey exterior expanse into a natural flourishing living wall. LivePanel Outdoor is a modular green facade system with exchangeable plant cassettes. The cassettes have slots into which plants are placed. Each row of plant cassettes is placed in a gutter profile that also serves as a water reservoir. The plants absorb water from the reservoir through capillary action. The system can be installed on both new and existing walls.

### VERTICAL GREEN

LivePanel Outdoor can be used in a multitude of vertical greenery scenarios. The customer can construct the green wall to suit, in terms of design, layout and plant choice. LivePanel Outdoor is easy to install on all wall types. LivePanel Outdoor not only creates a green facade, but can be a real head-turner for a building – for all the right reasons. In addition, the plants within the LivePanel stimulate local biodiversity.

### LIVEPANEL OUTDOOR BENEFITS

- Improves air quality
- Improves a sense of well-being
- Contributes to biodiversity
- Cools and regulates the environment
- Better aesthetic appeal
- Increases the value of real estate
- Insulating and sound-dampening effects

### UNIQUE FEATURES

- Available in any size
- Choose manual or automatic irrigation system
- Fully recyclable
- Economical water consumption and no waste
- Space saving and slim system
- Interchangeable plant cassettes
- Easy and quick installation
- Modular system
- Allows freedom in design and plant choice

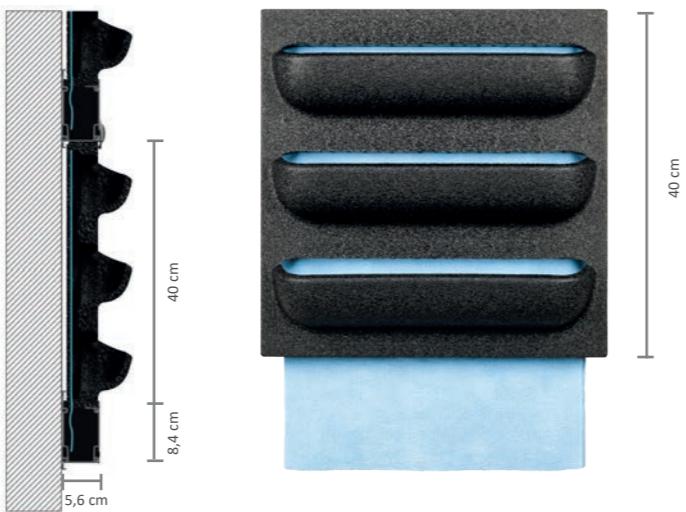
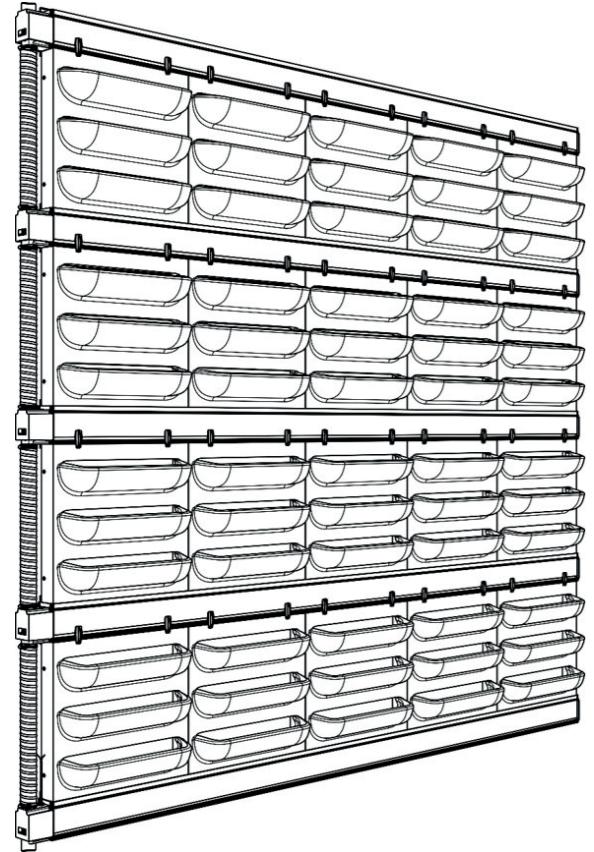
A sustainable plant wall



LivePanel stimulates biodiversity

## LIVEPANEL OUTDOOR SPECIFICATIONS

Product	Size	Cassettes	Weight (incl. plants and water)
LivePanel	Can be made in any size	Cassette size 40 x 40 cm	Max. 40 kg/m <sup>2</sup>
Outdoor		The cassettes are divisible in two horizontal sections and have a double microfibre cloth	



## ADVICE

- For larger walls, it is advisable to install an automatic irrigation unit.
- Overflow/drainage must be available.
- Tolerances of the aluminium profiles should be taken into account during calculations.





## WallPlanter®

Mobilane has been using the Mobilane Green Screen in green wall projects since 2002. These activities led to the development of the WallPlanter system: A sustainable system for green walls, both for existing buildings and new constructions. The system comprises of specially developed planters with hedges that are fixed to a wall, giving the building a natural look.

### INSTANT GREEN

WallPlanter green wall offers a green result immediately after installation. The basic element is an aluminium planter into which fully grown Mobilane Green Screens are planted. These planters are fitted to the building's facade, enhancing buildings such as multi-storey car parks, hotels or office blocks.

### LOW MAINTENANCE

The WallPlanter green wall system has a smart, automated irrigation and drainage system to provide the screens with water and nutrients, making it very low maintenance. As you would imagine, the introduction of a green wall to an area instantly improves the surroundings and its visual impact.



### WALLPLANTER BENEFITS

- Contributes to the greening of urban areas
- Contributes to a healthy environment
- Contributes to biodiversity
- Contributes to a healthy environment
- Increase in value for real estate
- Insulating effect
- Prevention of graffiti

### UNIQUE FEATURES

- Suitable for all surfaces and planes
- Equipped with automatic irrigation system
- Fully grown
- Low water consumption
- Reduces fine dust by 40 - 60%
- Fully recyclable
- Low maintenance
- Double-sided greenery (on multi-storey car parks)

Green wall with Green Screens in planters

Instant green wall with WallPlanter



## WALLPLANTER SPECIFICATIONS

Product	Size (w x h x d)	Height	Weight (incl. plants and water)
WallPlanter	Standard planter 50 x 50 x 390 cm*	Hedges in planters are up to 220 cm high. Total height of element (incl container and support points) = 285 cm	Approx. 140 kg per m <sup>2</sup> green wall surface**

\* Other lengths (260 cm, 130 cm and customised dimensions) are available.

\*\* The total weight of a standard 390-cm-long container with 220-cm-high Green Screen hedge element is 1,450 kg (when fully saturated). This equates to a weight of approx 140 kg per m<sup>2</sup> green wall surface.

## WALLPLANTER FEATURES

- Each plant container is provided with water and nutrients via an irrigation system.
- To prevent too much water in the container, for example during downpours, each container is provided with drainage outlets. As well as drainage for excess water, this offers an inlet for oxygen to reach the plant roots.
- The planters are manufactured from high-quality aluminium and have an insulated layer on all sides and a drainage layer on the base.

## ADVICE

- The weight of the WallPlanter elements requires a robust load-bearing construction. Depending on the strength of the facade and foundations, this load-bearing construction can be fixed to the facade or can be placed on the ground. A crane is used to install the planters on site onto the load-bearing construction.
- A frost-free technical area is required of at least 4 m<sup>2</sup> for the supply of water and nutrients. Ideally, this technical area should be close to the green wall.

## AVAILABLE COLOURS

The planters are delivered as standard in an aluminium colour, but can be delivered in any RAL colour if required.





## NoiStop®

Noise nuisance is a growing frustration for private individuals and local authorities. Noise from busy roads alongside homes and commercial premises can be solved instantly with NoiStop, a noise-reducing screen.

### MODULAR

NoiStop noise-reducing screens are unique - not only do they obstruct noise, they absorb it. This significantly reduces environmental noise. The noise-reducing barrier is constructed of modular panels with a core of compressed rock wool. This construction provides extremely high insulation values.

### NOISE POLLUTION

NoiStop can be used in various applications. As fencing it offers immediate privacy, safety and, of course, peace and quiet. The screens are effective in high noise areas, next to railways, near play areas or along busy highways - endless possibilities. NoiStop noise reducing screens are available in two types: Steel and Wood.



### NOISTOP BENEFITS

- Immediate peace, privacy and safety
- Noise reduction separation
- Environmentally friendly application
- Can also be supplied in combination with a fully grown Mobilane Green Screen

### UNIQUE FEATURES

- Significant noise reduction and absorption
- Choice of various types and dimensions
- Easy and quick installation
- Made from durable natural stone wool
- Maintenance free
- Narrow design
- Expected service life of at least 20 years
- Fully recyclable

Noise-reducing wall

Noise-reducing screens for peace, privacy and safety

