

wertykalni.pl

# GREEN WALLS

of live plants  
of moss



We enrich People  
health and harmony  
by enabling them  
to contemplate  
and relax  
with nature

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# GREEN WALLS OF LIVE PLANTS



## WHAT'S IS THIS?

Green walls are living gardens of a vertical shape and form a very attractive decorative element which significantly improves the interior air quality and positively affects the wellbeing of people who spend time in their surroundings.

## HOW DOES IT WORK?

We install green walls on to the surface of the wall or elevation, which saves you space, and thanks to its intelligent irrigation and lighting through care application, becomes quick and easy.

## IS IT WORTH IT?

- Innovative 4Nature System
- automatic irrigation
- saves space
- produces oxygen
- cleanses and moisturises the air
- absorbs dust and dirt
- quick and easy care
- plant society throughout the year
- an exclusive element for any interior

## WHAT'S IS THIS?

Walls of moss are an ideal solution for people looking for plant material that does not require any care. Forest moss and *Cladonia rangiferina* are subjected to a stabilisation process, thanks to which they retain a beautiful appearance and softness for many years.

## HOW DOES IT WORK?

Panels of moss are mounted to the wall or other surface of your choice. The huge arrangement possibilities allow us to create both large uniform surfaces, as well as images or logos.

## IS IT WORTH IT?

- no care required •
- long-term durability •
- no lighting required •
- the noise is suppressed •
- antistatic material •
- hand-made performance •
- a wide range of colours and designs •
- safe for both people and animals •







# OFFICE PLANTS

## GREEN WALL OF LIVE PLANTS

# 4NATURE SYSTEM

We present an innovative system for creating unique vertical gardens, consisting of a combination of excellent design and the latest available technology. The **4Nature System** will let you enjoy greenery all year round in your office, venue or private apartment.

The **4Nature System** is based on plastic modules in which we have combined features that meet the needs of today's green wall users: functionality, aesthetics, reliability, low failure rate as well as ease of care and maintenance. The modules can be combined with each other, creating vertical gardens to size or used as a ready solution - **4Nature System** - encased in a designer frame that comes in various sizes and colours. The modules are connected by an automatic irrigation system, managed by the user with an application of mobile devices, which additionally has the function of controlling the water level in the tank.



- irrigation system with easy access
- module intended for 4 plants
- module made of plastic
- dimensions 39,1 x 39,1 cm



We created the **4Nature System** based on our many years of experience in the vertical gardens industry as well as on the needs of recipients. Every day we explore the theme of green walls, which poses new challenges for us. In practice, we want vertical gardens to be easy to use, intuitive and user-friendly. The **4Nature System** was created in cooperation with specialists of the Institute of Industrial Design and the Institute of Horticulture.

# CONSTRUCTION:



TO SIZE

4NATURE SMART LINE



## GREEN WALL OF LIVE PLANTS TO SIZE



We offer a comprehensive implementation of vertical gardens, to size, and with the ability to match the character of your interior. Impress visitors with a unique atmosphere and take care of the air quality in your office, apartment, restaurant or SPA.

# THE ADVANTAGES OF OUR SOLUTION:

- innovative 4Nature System
- intelligent control
- automatic irrigation
- open or closed water circuit
- provides the possibility of being arranged to size
- the possibility of installing lighting
- proven plant species



We use technologies tailored to a user's individual needs and location. Thanks to the innovative **4Nature System**, we can arrange a vertical garden to suit every interior and its operation will be facilitated by automatic irrigation, which will provide optimal conditions for plant growth.

We plant carefully selected plants in the **4Nature System** modules using a synthetic mat, thanks to which we minimise negative biological processes in the green environment, which allows for a large variety in

the selection of species, with the possibility to modify the composition with seasonal flowering plants, enabling the vertical garden to share its beauty for many years to come.

For the exterior, we offer seasonal vertical gardens, which will work on a building's facade, terrace, balcony, or as a free-standing structure.



## GREEN WALL OF LIVE PLANTS 4NATURE SMART



**4Nature Smart** is a module with a built-in innovative **4Nature Smart** vertical garden system, which will create a unique interior atmosphere as well as take care of the air quality in your office or home. Responding to the diverse needs of users, we offer a solution both hanging, as well as standing wall-mounted suitable for use as room dividers.

# THE ADVANTAGES OF OUR SOLUTION:

- innovative 4Nature System
- automatic irrigation with the control application
- easy operation and maintenance
- designer frame
- variety of sizes and colour versions
- the possibility of installing lighting
- proven plant species
- ease and flexibility of arrangement
- 230V socket is sufficient



Using of the automatic irrigation system allows for easy and quick care, meaning you do not have to worry about constant watering. The use of a unique controller with a control application will provide control over the water level in the tank and notify you about the need to top up the water.

The installation of automatically controlled energy-saving assimilation lighting will make modules work well in almost any place, even if it is poorly lit. A **4Nature System** takes up little space, and thanks to its minimalistic design, it can easily be integrated into interiors with different styles.

A **4Nature System** is entirely made in Poland from the highest quality materials and is available in two versions: hanging, for wall mounting, as well as standing, for placing next to a wall, with the possibility to create partitions. Plants are planted in synthetic pockets, which minimise negative biological processes in the green surroundings, allowing for a large variety of selected species, which provide the possibility of diversifying the composition with seasonally flowering plants.

## 4NATURE SMART VERSIONS



F1  
839 x 1164 cm



F2  
1231 x 1832 cm



F3  
1231 x 1832 cm











OF MOSS

## GREEN WALL OF LIVE PLANTS OF MOSS



Walls made from forest moss are an exclusive interior solution for people looking for plant material that does not require any care, watering or lighting. We create both full-sized walls as well as small elements, such as images or company logos. Each moss panel is made by hand with the greatest attention to detail, ensuring its long-term durability and uniqueness. Forest moss will provide an original accent to your home, office or restaurant.

# THE ADVANTAGES OF OUR SOLUTION:

- provides the possibility of being arranged to size
- does not require any care
- does not require lighting
- many years of durability
- is hand-made
- of antistatic material
- safe for both people and animals

Our compositions are individually designed and therefore tailored to fit your unique space. We create both uniform surfaces as well as small elements such as images or company logos.

Our panels are always made of fresh moss, and as a way to diversify the composition, we can also introduce stabilised ferns and grasses.

In order to provide good conditions for the forest moss, the air humidity should be maintained between 40-80%.

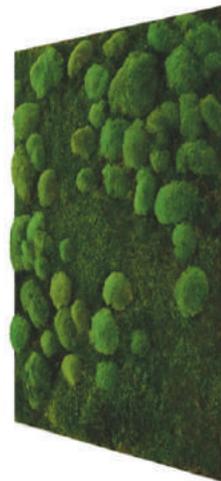
Forest moss should not be exposed to direct sunlight, air conditioning or radiators. It should not be watered, sprayed with water, fragrances or fertilisers.



70% POLEMOSS  
30% FLAT MOSS



100% POLEMOSS



50% POLEMOSS  
50% FLAT MOSS



100% FLAT MOSS



## GREEN WALL OF LIVE PLANTS

# CLADONIA



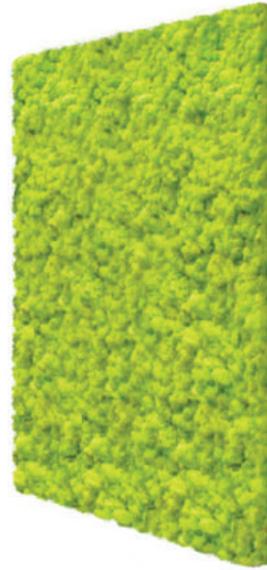
The wall of Cladonia is a designer and modern form of greenery for interiors, which does not require any care. We create elements to size and in any shape, always using fresh material, and thanks to a wide range of colours, we can accomplish even the most demanding compositions, paintings, graphics or logos. Our Cladonia rangiferina comes from Scandinavia, where it is collected and subjected to a stabilisation process, thanks to which it retains its properties and softness for many years.

# THE ADVANTAGES OF OUR SOLUTION:

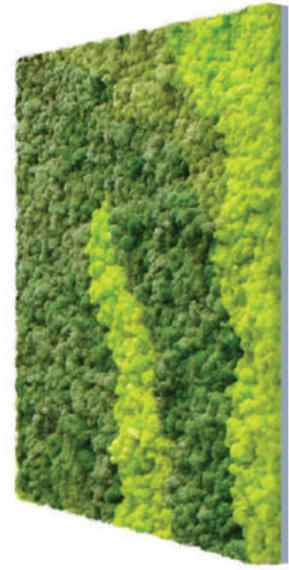
- provides the possibility of being arranged to size
- does not require any care
- does not require lighting
- many years of durability
- a wide range of colours
- is hand-made
- of antistatic material
- 100% natural
- safe for both people and animals

An air humidity of 40-80% should in order be provided to keep the Cladonia in good condition.

The Cladonia should not be exposed to direct sunlight, air conditioning or radiators. It should not be watered, sprayed with water, fragrances or fertilisers. Stabilised Cladonia is resistant to mildew, fungi and insect attacks.



UNIFORM PANEL



MULTICOLOUR PANEL



We believe that vegetation not only improves our mood and frame of mind, but it also significantly increases the aesthetics of interiors. We offer solutions to introduce vegetation to areas where, in theory, there is no place for it and where the possibilities of traditional arrangements of greenery are limited. The introduction of plants in the form of vertical gardens - green walls, provides a space with a new dimension, making it more stylish, more designer as well as more ecological. We can achieve amazing results from a minimal amount of space! We individually adjust the arrangement of vertical gardens as to the user and place. In our offer, you will find innovative ideas, including ready-made products from the WERTY line, which include vertical solutions tailored to individual needs, intended for offices, commercial and residential spaces, as well as for a terraces or balconies.

We cordially invite you

*Beata Dzedzic*





We would like to inform you about the implementation of the project "Internationalisation of the Wertykalni.pl brand in the field of ready-made vertical garden modules and vertical urban farming system", which is created within the framework of a project financed by the European Regional Development Fund, with the scope of RPO WM activity 3.2. Internationalisation of SMEs, sub-activity 3.2.2. Business models



**European Union**  
European Regional  
Development Fund





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