

Vertical indoor greening

Green Walls for Naturally Beautiful Rooms and Better Health & Wellbeing

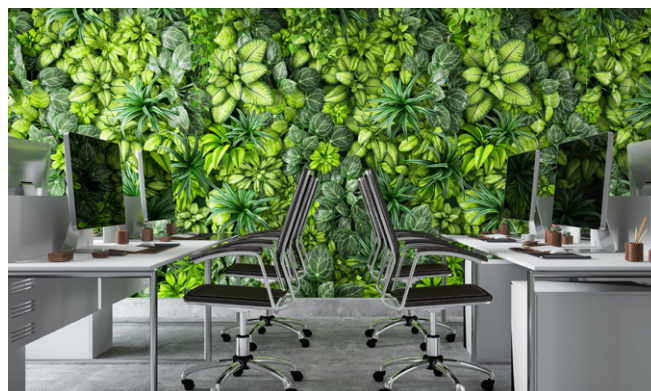
VIRIdiVITA®
Saving water for life



ecovative

Green Walls for Naturally Beautiful Rooms and Better Health & Wellbeing

We spend about 90% of our life indoors. The air in closed rooms is often more polluted than the air outside. Staying in poorly ventilated homes and offices can lead to health problems over time. Plants are an ideal solution for a sustainable air conditioning of buildings and, together with a regular supply of fresh air, they greatly improve indoor air quality. Greening systems, such as green walls, not only create a healthy indoor climate, but also a pleasant atmosphere through their decorative charm. This has a positive effect on our health and wellbeing and performance.



Improvement of the indoor air thanks to higher levels of oxygen and air-purifying effects to protect health



Pleasant atmosphere thanks to visual enhancement of the interior design and noise reduction properties for improved wellbeing



Living indoor greenery without soil substrate that is hygienically clean and easy to maintain



Foam based greening systems

Green spaces can be assembled on the basis of different planting systems, such as earth substrates, hydroponics or foams. In comparison, foam-based systems are particularly clean and hygienic, as they do not provide a habitat for bacteria, viruses or insects. They are also extremely durable and easy to handle, as they do not require any special maintenance. The foam is an ideal basis for the plants.

The plant roots penetrate the foam completely and form a symbiotic unit. Thanks to the foam's water storing properties, the water is permanently available to the plant roots. If too much water is poured in at once, excess water is drained off through a special foam filter layer to prevent waterlogging for the plants. In addition, special additives integrated into the foam matrix have a growth-promoting effect on the plants.

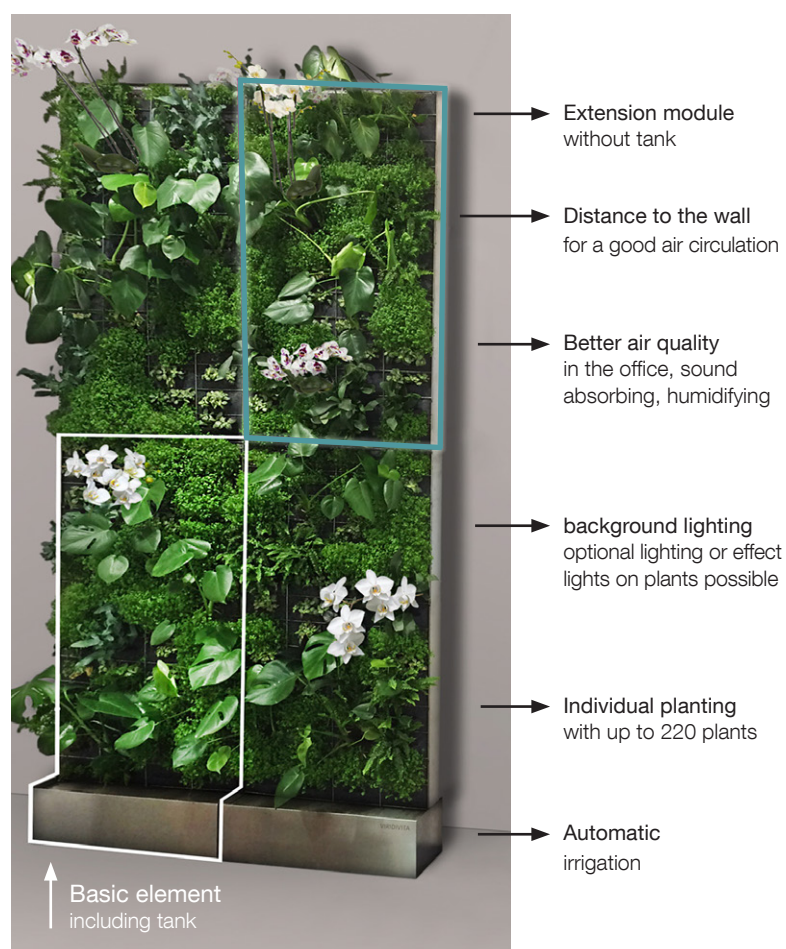


VIRIdiVITA vert in

Individually Planted Modules

In close cooperation with the company VIRIdiVITA GmbH, which specializes in systems for sustainable water use in plant cultivation, FoamPartner has developed innovative special foams for soilless greening elements for interiors.

VIRIdiVITA offers green walls with individually selected plants to companies, public institutions, interior designers and private individuals. Thanks to the modular system, the walls can easily be expanded.



Technical Data	Basic element	Extension module
Dimension (h x w x d, in cm):		
Element	121 x 73 x 7	121 x 73 x 7
Tank	30 x 73 x 14	
total	151 x 73 x 14	121 x 73 x 7
Weight		
Element saturated	15 kg	15 kg
Tank incl. water	38 kg	
total	53 kg	15 kg
Water tank capacity		
Tank capacity	30 liters	
Number of plants	up to 55	up to 55



VIRIdiVITA & FoamPartner

A partnership for more ecology, climate protection and economic efficiency



Business Segment Specialties

FoamPartner is a leading producer and converter of first-class foam solutions for technical and comfort applications. With a broad range of over 200 specialty foams, we are a customer focused, innovative partner for the automotive, manufacturing, and bedding industries.

With 13 sites in the three most important economic regions of Europe, the Americas, and Asia Pacific, and over 1,100 employees, we combine global expertise with local entrepreneurial drive to create value for our customers.

With the goal of being known as “Best in Foam”, our business segments develop best-in-class foam solutions together with our customers.

The Specialties segment supplies the market with versatile foams based on polyurethane and polyethylene. Thanks to many years of experience and extensive know how in foam production and processing, we develop innovative products and sustainable solutions for a wide range of applications.

One focus is on special applications for horticulture, plant breeding and agricultural care. Within the framework of our sustainability strategy, we support ecological projects in cooperation with external partners. Together with VIRIdiVITA, we have developed innovative foam-based water storage mats for various indoor and outdoor greening systems. Indoor greening systems provide a healthy indoor climate and create a pleasant atmosphere through their decorative charm. This has a positive effect on our health and wellbeing.



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The Ecovative label stands for our promise “Best in Foam – Sustainable through Innovation” and is our award for innovative product solutions with special sustainable and economic value.

Global presence



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FoamPartner Trading (Shanghai) Ltd., China
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