

MOSSWALL

BAMTECH

GENRAL CATALOG







**BAMTECH**

GENERAL CATALOG  
MOSSWALL

Natural acoustic & aesthetic solutions using  
preserved plants  
Unfolding the secrets of nature







## ALL ABOUT BAMTECH GROUP

Founded in the heart of Asia, in Tehran, our company introduces a new and revolutionary plant design concept. We offer fully preserved natural plant products that combine aesthetics with high-level acoustic absorbance. Our handmade products contribute to increased performance and higher levels of wellbeing within your workforce. We design and deliver all the structural and natural elements you need to reduce sound levels and increase the visual appeal of your interior space. Thanks to their unique ecological process – completed without the addition of any dangerous toxins, chemicals or components – all our mosses and foliages are totally maintenance free: they require neither pruning, nor watering, nor even sunlight.

Peace, quiet, wellbeing; inspired by nature.

Welcome to BAMTACH





Moss harvested manually in  
European Forests

Absorb sound, soothe the  
mind & ease the spirit



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A large indoor space with a green wall on the ceiling and a large mural on the wall. The green wall is made of preserved plants and mosses. The mural is a black and white illustration of a busy interior scene with many people. The space is modern and minimalist, with a concrete pillar and a large window in the background.

Designed by and  
for architects

## ABOUT CUSTOM MADE

Natural preserved plants and mosses

requiring no maintenance at all -provide a great versatility: thanks to their characteristics we can imagine endless possibilities of interior design creations, fulfilling all your wishes. Whether you want a Green Wall, Green Logo, Frames, or any kind of custom work combining various processes, our experienced team of professionals will advise you on the best choices to suit your individual requirements, right from the conception stage.

Whatever your vision, we can help you find the preserved plant products to match your design scheme.

From ambient noise reduction

to the aesthetics of an interior space, we create commercial environments conducive to productivity and wellbeing.



NOISE

## REDUCTION



The secret to a well-balanced corporate interior is not just in how it looks and functions but also in how it sounds. The acoustic ambiance of a room, whether an office space or a lobby, is every bit as important as the layout and décor.

In large interiors, such as open-plan office spaces, a lot of noise pollution is produced. With so many conversations going on, phones ringing, tapping of keyboards, papers being shuffled and outside traffic sounds, there's a continuous din. In many offices and workspaces this background noise far exceeds the recommended 45 decibels.

The result ?

Poor concentration, reduced levels of collaboration, headaches, increased stress, and discomfort.

Effective acoustic solutions inspired by nature

The solution is to reduce this ambient noise for the benefit of management, employees, and visiting customers and clients. This is best achieved with acoustic



## PLANT TYPES



Lichen  
Reindeer Moss

Our Reindeer Moss is grown in North European forests and is exclusively hand-picked by local producers, in keeping with ancestral sustainable methods respectful of the environment.

It is a natural fire retardant lichen that can be used only indoors, and must be guaranteed an environment with a minimum relative humidity of about 30%. That said, it does not need any maintenance at all.



Ball Moss  
Nature in volume

Preserved Ball Moss is generally used to add texture to a green wall base. Ball Moss gives you a vibrant colour & texture to any space with 3D effect on your green wall.

They are all sustainably harvested and preserved using natural glycerine.



Provence Moss  
Wild Elegance

This padded moss is found in European forests, on acidic soil under tall softwood trees.

By choosing the best parts of the moss carpets, we obtain a deep green moss with bright green reflections on its extremities, giving an elegant and design-friendly appearance supplementing its texture.



Forest  
Lush foliage

Our Forest designs give your walls a true wild forest feel while enhancing both the acoustic and visual ambiance.

Their preservation process let us use all the benefits of real plants for interior design, without any disadvantages. They require absolutely no maintenance, no watering, no sunlight, nor any pruning whatsoever.



Provence Moss  
Wild Elegance

Your brand image is one of the most important features of your company. Whether it's your logo or the signage within your business premises, your corporate look needs to be both visually appealing and memorable.

With Green Logos, you can achieve both, and more! We design personalized logos made from 100% natural plant. Preserved using eco-friendly techniques, these green designs will last for years, without the need for watering, maintenance or sunlight.

Send us pictures of your logo and details of your project. We'll then arrange to discuss your requirements in more detail so we can help you choose the best options for your nature-inspired branding, like:

- Which moss to use
- The framework material
- The colours and sizes
- The style of filling...

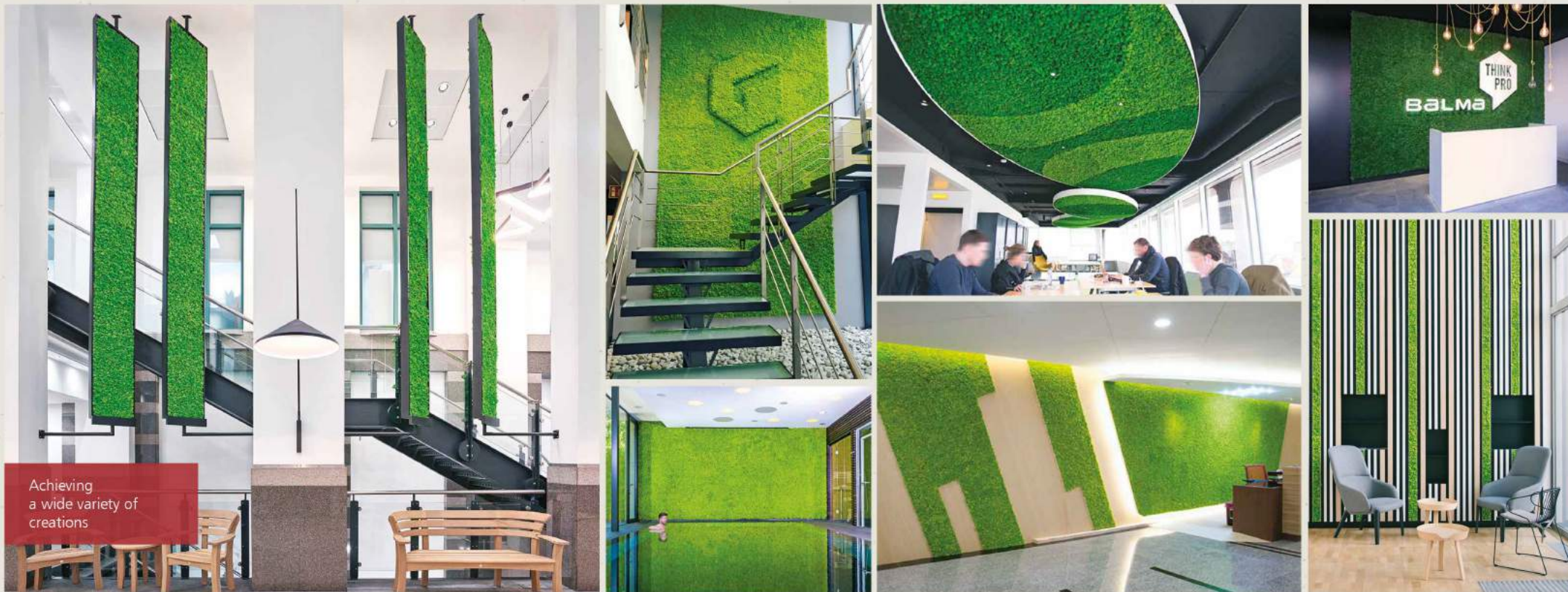




LICHEN  
REINDEER MOSS

CREATING INSPIRING AND HEALTHY  
WORK ENVIRONMENTS





Achieving  
a wide variety of  
creations



Our Reindeer Moss is grown in North European forests and is exclusively handpicked by local producers, in keeping with ancestral sustainable methods respectful of the environment.

It is a natural fire retardant lichen that can be used only indoors, and must be guaranteed an environment with a minimum relative humidity of about 30%. That said, it does not need any maintenance at all.

Its unique shape and acoustic properties offer endless possibilities in design. This extremely soft and flexible moss blends perfectly with various materials.



# MOSSwall

COLOURS

## OCEAN



84 CASSIS



86 IRIS



85 LAVANDER



88 AUBERGINE  
DESERT



53 ERICA



67 MAUVE



72 PAPRIKA



57 RED PEPPER



60 CURRY



51 SAFFRON



81 ANICE



63 PINK PEPPER

## FOREST



87 EUCALIPTUS



55 WASABI



54 MINT



64 PISTACHIO



66 GREEN PEPPER



62 SESAME



65 CINNAMON

## NEUTRAL



B BLACK



N NATURAL



G GREY

## CAMPIONE SOTTOPOSTO A PROVA

Pannello 3000 x 3600 mm  
Installazione distanziata di 30mm.

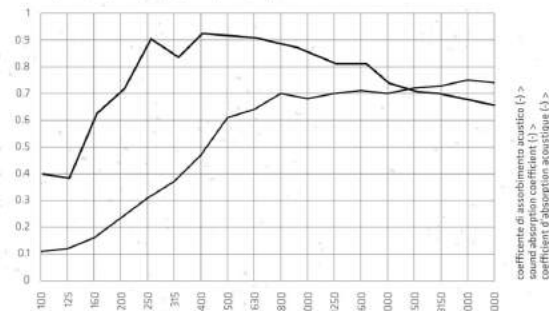
## SAMPLE TESTED

3000 x 3600 mm panel  
Installation spacing 30 mm.

## ÉCHANTILLON SOUMIS À ESSAIS

Panneau 3000 x 3600 mm  
Installation espacée de 30 mm.

frequenza (Hz) > frequency (Hz) > fréquence (Hz) >



coefficiente di assorbimento acustico (α<sub>w</sub>) >  
coefficient d'absorption acoustique (α<sub>w</sub>) >

## SCHEMA TECNICA

- Coefficiente di assorbimento acustico: α<sub>w</sub>=0.55 (installazione distanziata 30mm da soffitto/parete)
- Prodotto antistatico e antibatterico

Per ordinativi inferiori ai 40 mq verificare sul listino le combinazioni di colori disponibili.

## DATA SHEET

- Acoustic absorption coefficient: α<sub>w</sub>=0.55 (installation spaced 30 mm from the ceiling/wall)
- Antistatic and anti-bacterial product

For orders below 40 square metres check the colour combinations available on the price list.

## FICHE TECHNIQUE

- Coefficient d'absorption acoustique : α<sub>w</sub> = 0,55 (installation espacée de 30 mm du plafond/mur)
- Produit antistatique et antibactérien

Pour les commandes de moins de 40 m², vérifier les combinaisons de couleurs disponibles dans le catalogue.



fatto a mano  
hand-made  
fait main



prodotto in Italia  
made in Italy  
produit en Italie



brevettato  
patented  
breveté



garantito 4 anni  
4-year guarantee  
garanti 4 ans



acustico  
acoustic  
acoustique



antistatico  
antistatic  
antistatique



naturale 100%  
100% natural  
100 % naturel



non da esterno  
not for outdoor use  
usage intérieur



non annaffiare  
do not water  
ne pas arroser



no esposizione luce  
diretta  
no direct exposure  
pas d'exposition  
directe



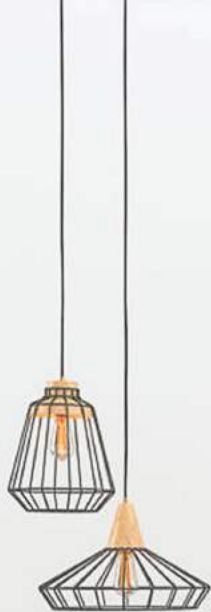
non cresce  
does not grow  
ne pas couper



antibatterico  
anti-bacterial  
antibactérien



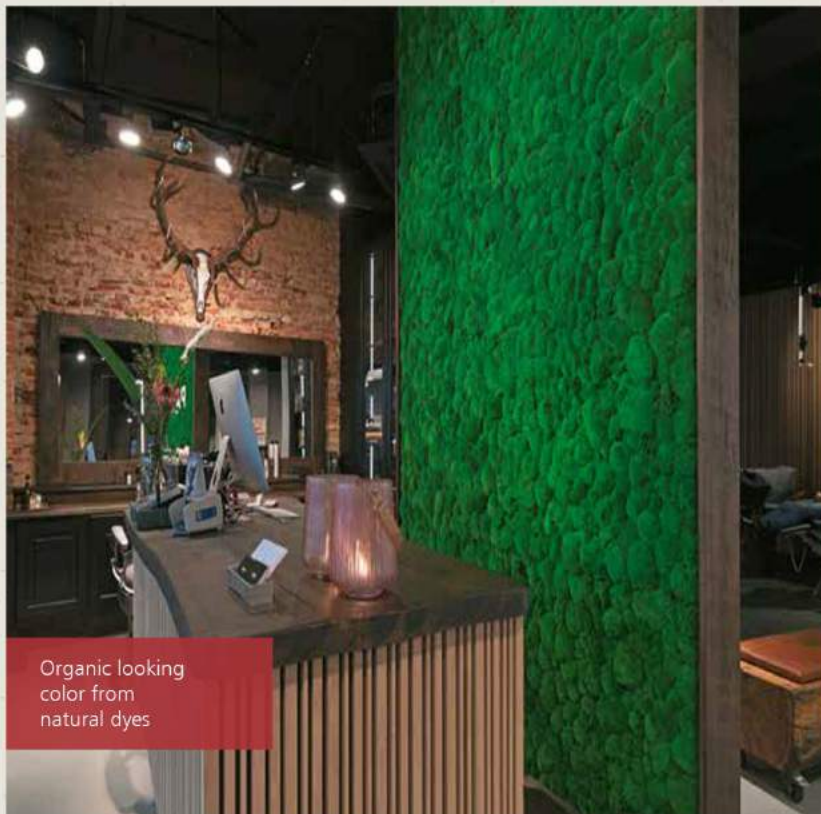
tasso umidità  
richiesto  
required  
humidity rate  
taux d'humidité  
requis



BALL MOSS  
NATURE IN VOLUME

DESIGNED BY AND FOR ARCHITECTS  
WELCOME TO A WORLD OF POSSIBILITIES





Preserved Ball Moss gives a vibrant color & texture to any space while also adding volume to a flat surface. Hand-harvested in European forests, these mosses of best quality will bring you a green lifestyle to your space. They are all sustainably grown and preserved using natural glycerine and food dyes.

The Ball Moss provides the best acoustic absorption performance, even better than some specialized synthetic products.

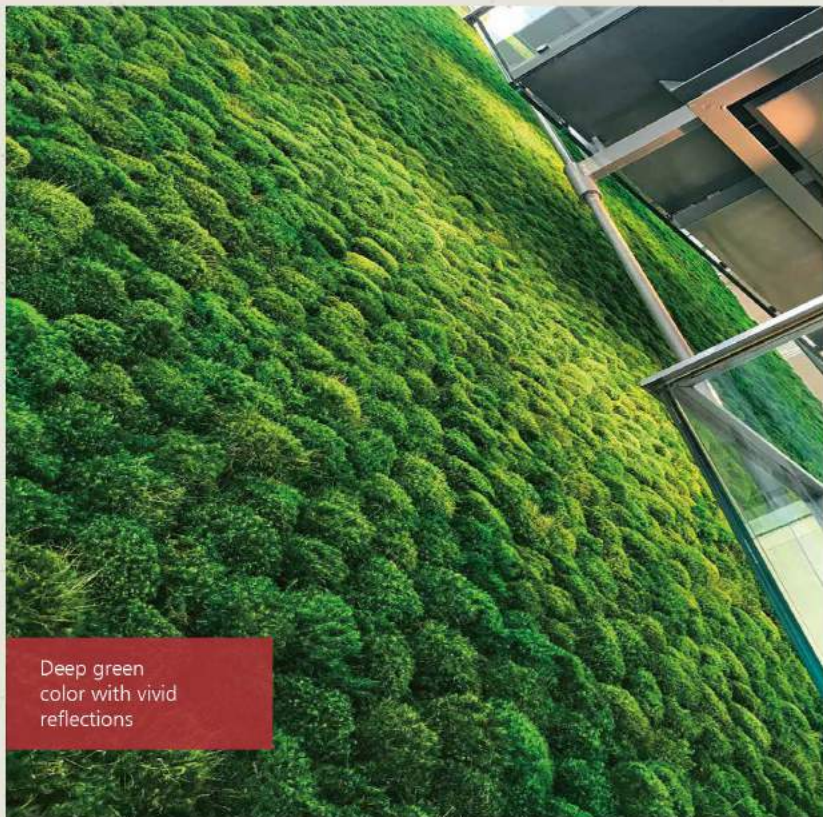




PROVENCE MOSS  
WILD ELEGANCE

NATURAL SOUND REDUCTION HAS NEVER  
BEEN SO EASY









FOREST  
LUSH FOLIAGE

CAREFULLY AND DILIGENTLY HANDMADE  
FROM CONCEPTION TO PRODUCTION





This padded moss is found in European forests, on acidic soil under tall softwood trees. Harvested manually and selectively by professionals, it is put through a preservation process, using natural and non-toxic products just like the ones used in the food industry.

By choosing the best parts of the moss carpets, we obtain a deep green moss with bright green reflections on its extremities, giving an elegant and design-friendly appearance supplementing its high acoustic absorption qualities.





# Amaranthus

40-70 cm / 175 gr



BURGUNDY  
AMA 4834



PURPLE  
AMA 4824



GREEN  
AMA 4104



CITRON GREEN  
AMA 4124



ALMOND GREEN  
AMA 4114



WHITE  
AMA 4004

## Types of models







*my  
logo*

PROVENCE MOSS  
WILD ELEGANCE

CAREFULLY AND DILIGENTLY HANDMADE  
FROM CONCEPTION TO PRODUCTION









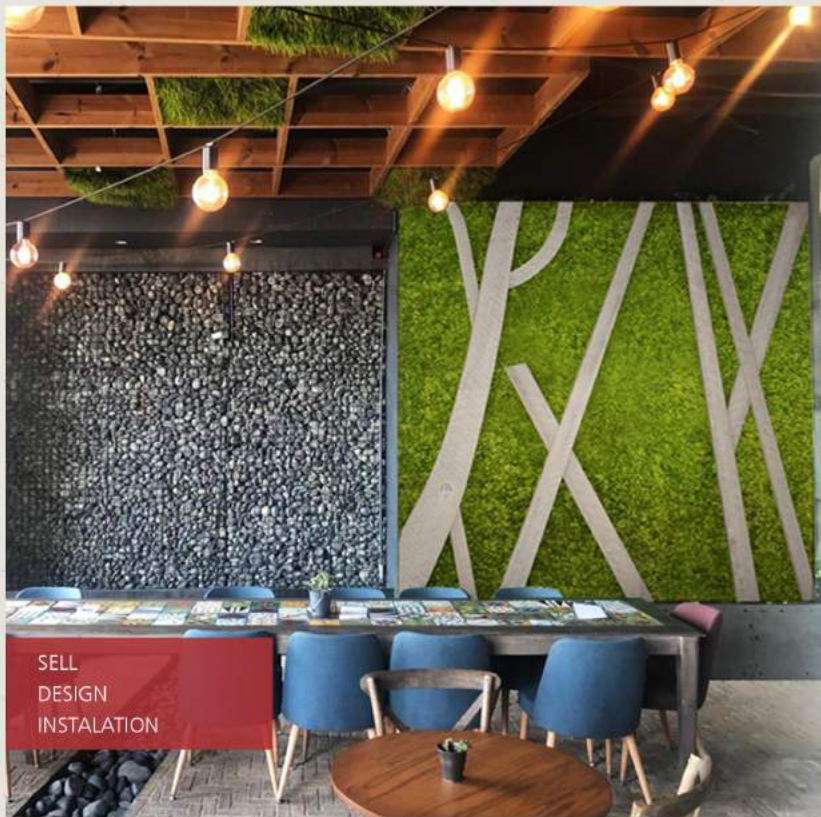
## PROPOSAL MOSS WALL

BAMTECH COMPANY AS THE FIRST IMPORTER OF GREEN  
PROUDUCTS PROUDLY PRESENTS ITS PROJECTS.











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