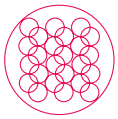
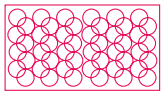
MuffleMoss

Styles

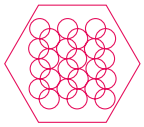
Square



Circle



Rectangle



Hexagon

MuffleMoss is a high-quality wall panel made with real, preserved moss that doesn't require any watering or general maintenance. If you want to make a statement, a moss panel can add a unique element to your interior décor whilst giving the room a sense of the outdoors with the natural aspect. MuffleMoss is easy to maintain, looks fantastic and acts as an impressive feature within any room.

Advantages:

- Modern, unique looking wall panel
- Made from real preserved Moss
- Absorption properties
- Different Moss styles available
- Lightweight & flexible
- Safe, non-toxic and non-irritant
- High resistance to humidity & moisture

Product Specifications

MuffleMoss panels are made from genuine preserved moss. The acoustic backing board is made with recycled polyester fibre that was manufactured from waste PET bottles. With a high density and open cell construction, these panels offer superior sound absorption and thermal insulation – keeping your acoustic environment balanced.

Fire

Acoustic backing board | EN13501-:2007+A1:2009, B- s1, d0
Moss Panel | BS 5665 Part 2:1994 (BS EN 71-2)

Weight

The total weight of a 0.4" MuffleMoss is 4.41lbs

Environmental

This product is FSC accredited.
65% Recycled Material Content
100% Recyclable Material
Formaldehyde 0.00 UG/G
Standard 100 - CLASS 1 Okeo Text
<0.02mg/M2 Voc Emissions

Product Dimensions

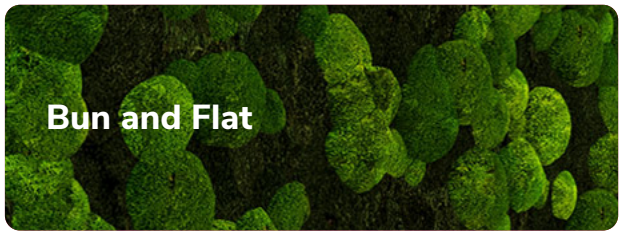
MuffleMoss is available in 3 designs, with several sizes to choose from to fit your space perfectly. Sizes are outlined in the table below.

Product Shape	Height (inch)	Length (inch)	Width (inch)
Circle	Ø 12	-	2
Circle	Ø 12	-	2
Circle	Ø 12	-	2
Circle	Ø 12	-	2
Circle	Ø 12	-	2
Square	24	24	2
Rectangle	47	12	2
Rectangle	47	24	2
Hexagon	12	10	2

Product Variations

MuffleMoss is available in 3 types – Bun and flat, Bun Moss, and Reindeer. Each moss type can be paired with a frame in a choice of 3 colours or left unframed.

Moss type



Frame type

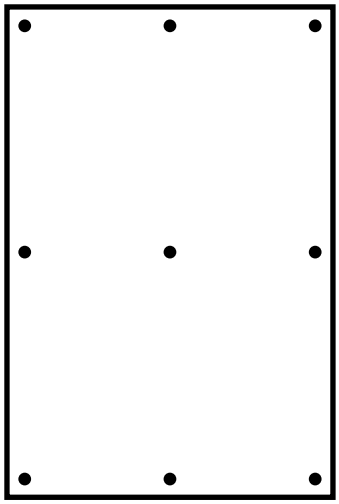
Unframed

Black frame

White frame

Grey frame

Installation



Fixing Layout Example

Fixing the Moss wall Panels

Fixing the moss panels is like hanging a picture, all screws should be fixed through the panel in even straight lines down the board. One line on each side and one line down the middle. These lines should be symmetrical and even. On 0.35" and 0.47" boards, smaller screws can be used to compensate for the lack of rigidity on the thinner boards.

Concrete/Brick/Block/Masonry

Method 1:

Concrete and brick surfaces will require a 0.28" masonry bit in an SDS/hammer drill and plug fixed in place with gauge 6 screws. 0.28" plastic brown rawplugs are normally used for the plugs. The length of the plug is typically 2", so you will need to allow extra length on the screw depending on what you are fixing to the wall. A minimum of a 50mm length screw should be used. 0.22" and 0.24" plugs are available, but these are not strong enough for most applications.

Method 2:

The alternative to method 1 is to use concrete screws. To install using this method, you need to use a 0.26" masonry bit and an SDS/hammer drill to drill a hole into the surface to suit the length of your concrete screws. Ensure you have accounted for the depth of the item you are fixing when drilling the hole.

Timber

When fixing to timber, ideally use gauge 6 woodscrews, gauge 5 woodscrews can be used but more will be required. When fixing 8' x 4' sheets of 0.47" – 0.71" plywood to walls or ceilings, a minimum of 12 fixings should be used per board. When fixing 0.35" plywood, use a minimum of 9 fixings for walls and 12 for ceilings.

Thermalite

Method 1:

To fix to Thermalite blocks, drill a hole with a 4-5 masonry bit. As the blocks are extremely soft, a normal drill can be used. Drill 2" in and hammer in a square nylon plug fixing, this will then take a 0.2" or 0.24" screw depending on plug size.

Method 2:

If you are using a 0.24" screw with a very coarse thread and fixing 2" or more into the block, a nylon fixing isn't required – you can screw into the blocks with a cordless driver. However, we don't recommend this method as it can result in snapped fixings.

Installation

Steel/Aluminium

When fixing into metal of any kind, it is important to ascertain the thickness of the surface before fixing.

Method 1 (0.04" - 0.20" inches thickness):

When fixing into metal of any kind, it is important to ascertain the thickness of the surface before fixing.

Method 2 (0.2" + thickness):

Where the material is above 0.2", either pilot drill and use a bolt and nut (if the back of the surface can be accessed) or use a Spit gun to attach the item.

Single Skin Plasterboard

When fixing into single skin plasterboard, it's ideal you fix into the studs/joists, however if this isn't possible you can use one of the two following methods.

Method 1:

Drill a hole through the plasterboard and insert a plastic or metal toggle plug. Once situated, use a 0.18" or 0.2" screw to fix the toggle, or the metal bolts provided with some of the metal toggles.
This is the preferred method.

Method 2:

Use an aluminium spiral fixing and drill straight into the plasterboard with a PZ2 bit. DO NOT use regular screws to screw straight into plasterboard and, where possible, avoid using spiral fixings in ceilings.
This is the less than preferred fixing method.

Double Skin Plasterboard/Lath & Plaster

When fixing into double skin plasterboard or lath and plaster, use long reach metal toggle fixings that clearly go past the level of surface you are fixing to. DO NOT screw straight into the surface with screws, as this is not acceptable and will fail over time. These fixings normally come with a bolt/screw set to fit into the toggle and require a pilot hole drilling first.

When fixing into plasterboard ceilings, always try and fix into the ceiling joists with appropriate fixings. Where a joist fixing is not possible, toggle fixings must be used and ideally secured into the plasterboard as close to the joist as possible.

Colours

MuffleMoss is comes in two colours – spring green and moss green. Spring green is typically on the yellow side of green and moss green is usually darker yellow, olive or greyish green. These colours go very well with a broad range of spaces.

Spring Green

Moss Green

Product Care

Delivery, Storage & Handling

Protect your MuffleMoss from excessive moisture when storing and handling

After Care

The moss has been preserved, so you don't have to worry about looking after it. The maintenance of your preserved moss is as simple as giving it a light dusting with a feather duster once per quarter.

Supplier

muffleacoustics.com

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(833) 934 0263

Note: Product MUST be checked for colour shading differences, flaws, defects or damage prior to installation. Once installation has been commenced, the products are deemed to have arrived in perfect condition – any of the above reported after installation will not be covered by your warranty.