

Mogu FLEX 15/25



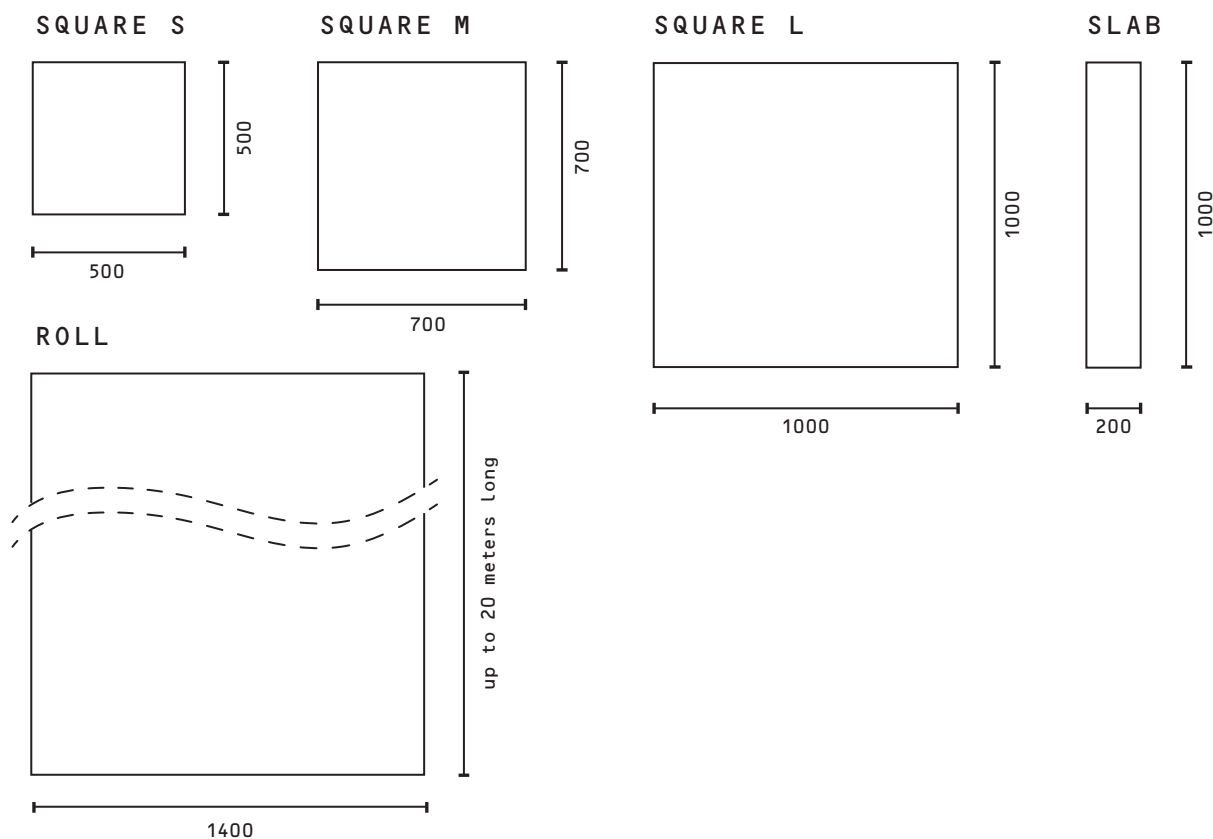
Installation guide

Product Specifications

Mogu Floor – Flex 15/25

From agro-industrial residues to luxury living environments, Mogu Floor FLEX is a collection of bio-based resilient rolls for interior design and architecture. A perfect solution to support a fully circular approach within the building industry.

Product sizes

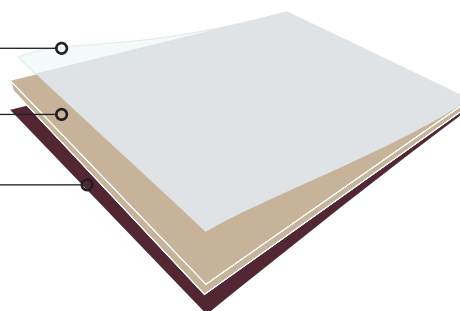


Composition

topcoat

bio-PU

fleece



Dimensions & weight

	FLEX 15			
	w [mm]	l [mm]	sqm	weight [Kg]
SQUARE S	500	500	0.25	0.4
SQUARE M	700	700	0.49	0.784
SQUARE L	1000	1000	1	1.6
SLAB	1000	200	0.20	0.32
ROLL	1400	< 10 m	n/a	2.24 kg / ml

	FLEX 25			
	w [mm]	l [mm]	sqm	weight [Kg]
SQUARE S	500	500	0.25	0.525
SQUARE M	700	700	0.49	1.03
SQUARE L	1000	1000	1	2.1
SLAB	1000	200	0.20	0.42
ROLL	1400	< 10 m	n/a	2.94 kg / ml

General Introduction

Product inspection

Upon delivery, open the boxes and inspect the products immediately. Eventual damages should be reported to Mogu immediately. If installation happens days after delivery, make sure to leave the products stored in original packing in a clean, climate-controlled environment free of moisture.

Initial measures

There is no need for an initial treatment after installation. Mogu Floor tiles are treated at the factory with a very durable layer of topcoat that enhances the product resistance to stain, scratches and abrasion. This layer reduces the need of care and maintenance over the years, with no need for additional wax or polish treatments.

Substrate preparation

Prepare the substrate in accordance with national regulations. The substrate must be flat, permanently dry, and able to bear loads. A good reference point is marked by international standards (such as DIN 18202) according to which the maximum height tolerance of screed is 3 mm per running meter must not be exceeded.

Note: The floor layer must examine the laying surface before installing the floor covering and, if necessary, report any issues. The screed should be particularly checked for:

- Significant unevenness
- Cracks in the substrate
- Insufficiently dry substrate
- A substrate surface which is not solid enough, too porous or too rough
- A contaminated substrate surface, e.g. due to oil, wax, lacquers, paint residues
- Incorrect substrate surface elevation with regard to the elevation of subsequent components
- Unsuitable substrate temperature
- Unsuitable indoor climate
- Lack of heating protocol in heated floor constructions
- Lack of insulation strip protrusion
- Lack of measurement point markings in heated floor constructions
- Lack of joint plan

In order to level out unevenness and to achieve an evenly absorbent substrate, we recommend applying a suitable levelling compound in a sufficient thickness using a squeegee to achieve a flat screed. Please observe the instructions of building material suppliers. When installing design flooring for gluing on underfloor heating, national codes and European norms should be attended carefully. In heated floors, the surface temperature must not persistently exceed 27°C.

Room & Product conditioning

Mogu Floor FLEX is dimensionally stable and does not require any specific acclimatization. Yet, product conditioning to ambient temperature is always encouraged. Ensure that the laying area is at a steady temperature of minimum 17 °C, 24 hours before, during and 24 hours after installation. The material and adhesive should be then left in the same environment for at least 24 hours prior to the installation. Where national codes of practice exist, they take precedence over these guidelines.

Installation Instructions

Recommended tools

Cutting: trapezoidal razor blade / hooky blade, with new and sharp blades

Gluing: For Flex 15 it's recommended to use ARDEX AF 155 as flooring adhesive and a small notch size spatula (TKB A2/B1 type). For Flex 25 it's recommended to use only B1 spatula.

Levelling: manual pressing; hard roller.

Ardex products

For more information about Ardex products visit www.ardex.de or contact:

ARDEX GmbH, Fiedrich-Ebert-Straße 45, D-58453 Witten

Tel: +49(0)2302 664-0, Fax: (0)2302 664-375, kundendienst@ardex.de

Glue application

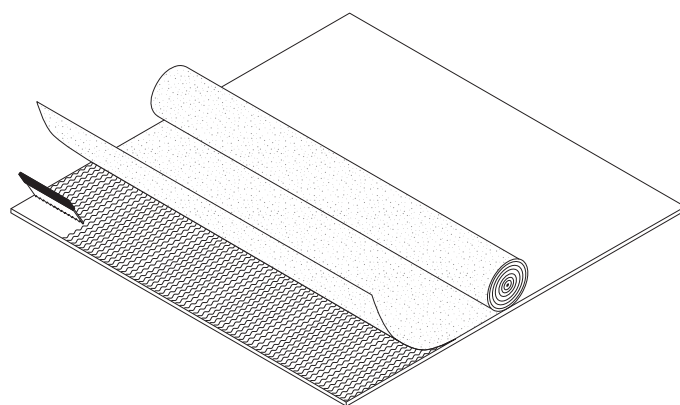
We recommend using ARDEX AF 155 as flooring adhesive. For more details, please contact us for a complete list of recommended adhesives. Wet-bed adhesives are preferable to regular adhesives. The application amount can vary depending on the type of adhesive and composition and is specified by the adhesive manufacturer or indicated on the serrated finishing spatula. In general, however, our advice is to use, 400 - 450 g/m² (e.g. for 100 m² it's necessary an amount of 50 kg of AF 155, which corresponds to 5 buckets).

To lay Mogu Floor FLEX 15 or 25, considering the thin product thickness, we recommend small notch size spatula. Substrate preparation is extremely important for optimal installation. Troweled surfaces should have a thickness of about 3 mm to avoid visual problems due also to the possible irregularity of the pre-existing floor.

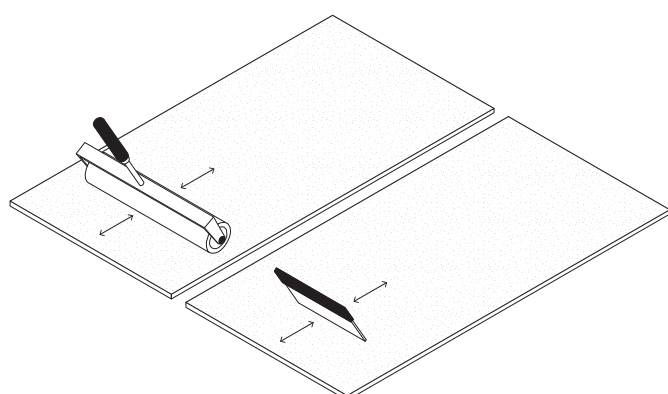
For roll-type, we recommend to first lay the roll and cut it to the right length; after positioning it, roll it over half the length, apply the glue and press it with the manual press. Then, fold back the other half and repeat the glue application as described.

You must observe the processing guidelines of the adhesive manufacturer.

Note: In order to achieve an ideal installation and usage result, ensure you have applied sufficient adhesive to the back of the covering. Do not use more adhesive than necessary in order to prevent the adhesive from seeping out. If necessary, an adhesive test can be helpful.



Product levelling



We strictly recommend product levelling after glue installation, to remove all air bubbles. Levelling is suggested in two phases, first with manual pressing, then with a heavy duty floor roller.

Subsequent sealing with PANDOMO SP-PS is recommended to give the floor a silky effect while also offering protection against moisture penetration into the small joints. It is advisable to apply two coats of paint, each with a quantity of 100 g/m² per coat which corresponds to 120 L of sealer (34 canisters).

Care & Maintenance

Cleaning instructions

For occasional cleanings and stubborn marks, a suitable automatic scrubber with a red cleaning pad or soft abrasive brushes can be used. To disinfect part or all of the surface, suitable disinfectants can be used. The products to be used and the how to proceed may need to be agreed with the hygiene officer responsible for the building. Mogu Floor Flex exhibit exceptional resistance to disinfectants and most common chemicals; acetone and chemicals containing it should however be avoided. If acetone spills on Mogu Floor tiles, make sure to wipe it off immediately. Please contact support@mogu.bio for the complete list of chemicals compatible with Mogu Floor FLEX.

Cutting instructions

Mogu Floor FLEX has the great advantage of being able to be cut to any desired shape. The cutting methods are countless and range from laser cutting to waterjet for perfect cuts. If you just want to finish the product before or after laying, we recommend a professional cutter. In any case, Mogu Floor Flex can be cut with all classic methods.

Product Durability

Remember that sunlight affects any material; therefore, we suggest you to protect your products from direct sunlight and to bear in mind that even materials with good light resistance may fade in time. Take care to always protect your products from liquids and dirt. Always clean up spills immediately, by gently padding the product's surface with a clean towel. Mogu Floor tiles are proved to exhibit excellent light fastness. This is documented by independent and accredited institutes, in accordance with European standards. It is not possible, however, to rule out the possibility of fading/changes in colour in areas exposed to strong UV light on a long-term basis. Sufficiently sized shades can be used to minimise or prevent fading and changes in colour.

Chairs, tables and furniture feet are to be protected using suitable protective glides or underlays. As a preventive measure, light-coloured, migration-free furniture glides should be used where possible. Only use suitable chair and furniture castors in accordance with DIN EN 12529 (type "W" – soft). Chair castors and chair and furniture glides should be regularly serviced. Contact areas of chair and furniture glides must lie flat and be rounded on the edges. Metal glides combined with damp can cause corrosion and stains. Flower pots/tubs made of terracotta or clay can cause discolouration on elastic floor coverings. Please use suitable coasters, which will also help sliding them correctly.

Although Mogu Floor FLEX have remarkable resistance to indentation and marks, high point loads with a small contact area, such as stiletto heels or high-heeled shoes, should be avoided as for all elastic floor coverings; they may lead to irreversible impression marks or damage. For furniture with similar pointed contact areas, use suitable and adequately sized coasters to distribute the load.

Because Care & Maintenance of flooring products depend on multiple factors, such as installation and room conditions, cleaning method, and indoor air conditions, this information is not intended to be exhaustive but only informative of general good practices. Site-specific suggestions may be provided by Mogu Support Team on a direct contact basis.

Repair & maintenance

Any repair and maintenance services must be performed exclusively under MOGU's personnel supervision or by personnel trained and authorized by MOGU. For safety purposes, only original parts may be used for replacing parts relevant to safety.

Customer Support

In case of further questions about your Mogu product and about how to look after it, please contact support@mogu.bio. For more information about Mogu and our extended line of products, visit us at www.mogu.bio

Contacts

If you have questions
related to the installation
of your new Mogu product,
please feel free to
contact us at:

support@mogu.bio

enquire@mogu.bio

Mogu was founded on the belief that it is possible to employ Nature's intelligence to radically disrupt the design of everyday products, seeking a finer balance between the man-made and the rhythms of the natural ecosystem.

Mogu products are obtained by growing mycelium, the vegetative part of mushrooms, on organic fibres (low-value residues from agro-industrial value chains).

The products are the result of five years of continuous and iterative R&D on mycelium technology, guided by a strong product-driven approach.

