

FLOOR FLEX



Introduction

Mogu Floor FLEX

Thickness 2,5 mm

MOGU Floor Flex complies to the CE standard EN 14041 / ISO 10581 for Resilient Floor coverings.

It is a resilient floor designed to be installed as roll or sheets, similar to any other linoleum or rubber-like material.

Beside the essential characteristics required by the standard, MOGU has defined a stringent list of requirements to certify the technical properties of the product.

The certifications demonstrate the product's resistance to scratches, heels, detergents, UV and its positive contribution to interior design, in terms of air quality (VOC emissions) and acoustic / thermal comfort.

Product composition

Layer	Function	Material / Composition	% on total product
MOGU Flex	Aesthetic & Core Layer	Up to 50% of bio-based Vynil with Oyster Shells	70%
Fleece Backing	Backing Layer	96% Recycled Vynil	30%



Physical properties & performance

Product characteristics	Property*	Standard
Product type	Resilient Flooring Flexible covering	EN 14041 / ISO 10581
Installation	Glue-based	
Thickness	2,5 mm	
Lenght	20 m roll	
Utilization classes	23 / 34 / 41	ISO 10874
Fire Reaction	Bfl-s1	EN 13501
Product weight	2,5 KG/sqm	
Dimensional Stability	-0.15%	EN ISO 23999
Residual indentation	< 0.10 mm	ISO 24343
Scratch resistance	> 10 N	EN 16776
Castor chair	No damage after 25.000 cycles (type W wheels)	EN 425
Furniture leg	No change	ISO 16581
Slip resistance	R10 PTV P2 $\mu \geq 0.30$ (DS class)	EN 13893
Electrical behaviour	No $R > 10^9 \Omega$; ≤ 2 kV	EN 1081 / EN 1815
Thermal conductivity	0.02 (m2K)/W	EN 12776
Impact sound insulation	-5 dB	ISO 10140
Chemical Resistance**	No damage according to the concentration and residence time	ISO 26987
UV fastness	7 (no visible change)	ISO 105-B02
VOC Emissions	Gold	Indoor Air Comfort by Eurofins



* indicative product performances based on preliminary testing. Full test reports will be available in november 2025.

**Tested for resistance to common household chemicals and stains, including ammonia, coffee, wine, artificial urine, citric acid, shoe polish, and sodium hydroxide. Proven resistance to coffee stains for over 48 hours.