mogu

KANA

Technical Data Sheet 2026

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MOGU Kana

Mogu KANA is a revolutionary collection of ultra-thin, lightweight wall-covering panels that sets a new natural standard.

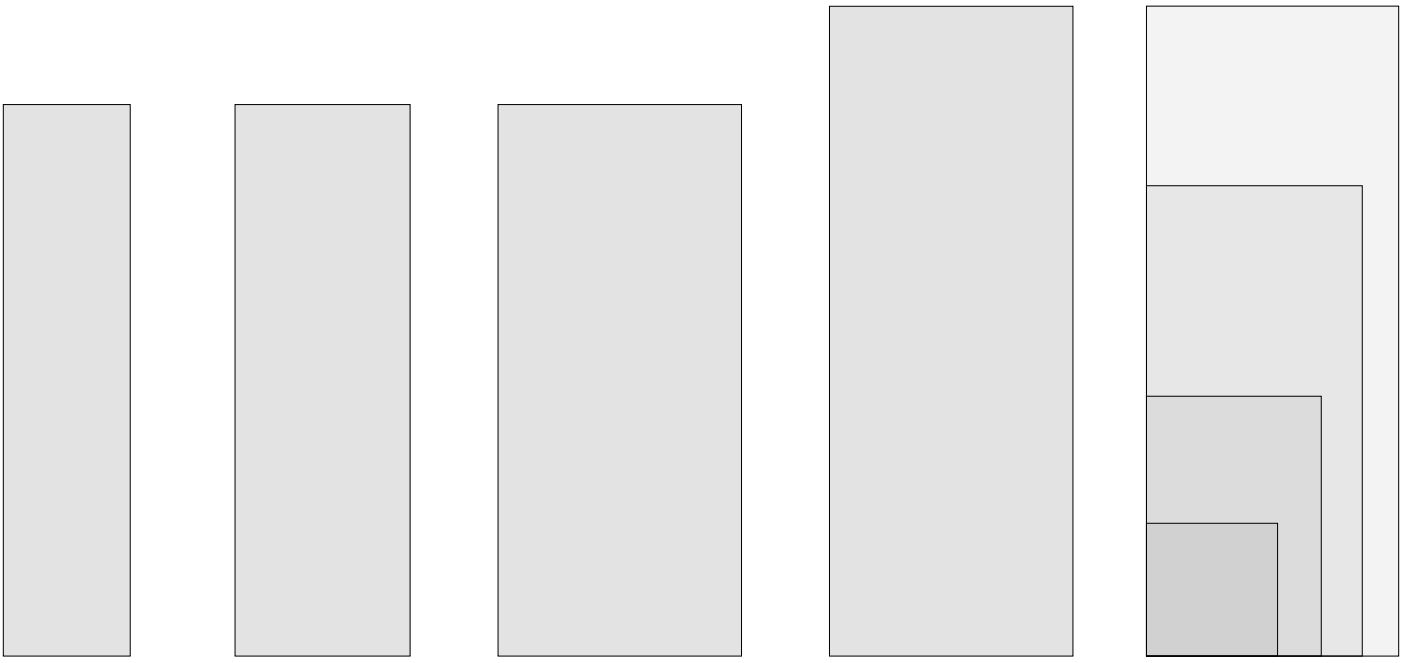
Engineered with a bio-based composition, it combines high acoustic performance with a plastic-free surface.

Designed for effortless installation even on big sizes, Mogu KANA offers a 100% circular, tactile experience, providing an innovative and sustainable look to any interior.

Dimensions

KANA panels are available in different sizes and are designed for flexible wall applications. Panels can also be cut to custom sizes to accommodate specific project requirements and layout configurations.

10/20 mm



XL (Extra Large)
600 X 2400 mm

XXL (2Extra Large)
800 x 2400 mm

JUMBO
1200 x 2400 mm

OVERSIZE
1200 x 2800 mm

CUSTOM CUT

				Kg/sqm		KG/panel		
	L [mm]	W [mm]	T [mm]	10 mm	20 mm	10 mm	20 mm	sqm
EXTRA LARGE - XL	600	2400	10/20	2.0	3.0	2,88	4,32	1.44
2EXTRA LARGE - XXL	800	2400	10/20	2.0	3.0	3,84	5,70	1.92
JUMBO	1200	2400	10/20	2.0	3.0	5,76	8,64	2.88
OVERSIZE	1200	2800	10/20	2.0	3.0	6,72	10,08	3.36

KANA V-CUT

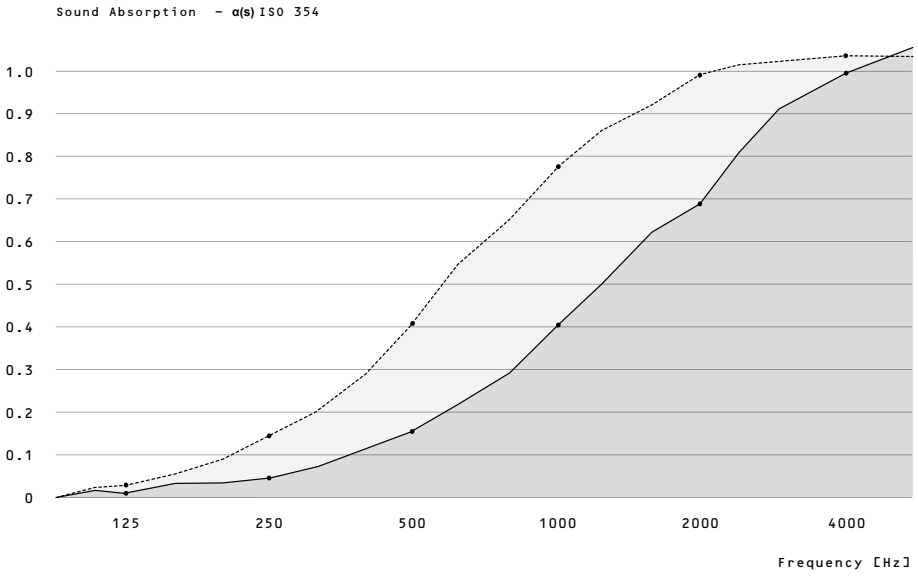
	T (mm)	α(p) [125 Hz]	α(p) [250 Hz]	α(p) [500 Hz]	α(p) [1000 Hz]	α(p) [2000 Hz]	α(p) [4000 Hz]
KANA V-CUT 10 mm	10	0.02	0.05	0.16	0.40	0.71	0.99
KANA V-CUT 20 mm	20	0.03	0.14	0.41	0.76	0.98	1.04
KANA V-CUT 10 mm with AIRGAP (200 mm)	10 + 200	0.39	0.73	0.92	0.78	0.90	0.98
KANA V-CUT 20 mm with AIRGAP (200 mm)	20 + 200	0.45	0.78	0.94	0.86	0.99	1.06

KANA V-CUT 10 mm

α(w) rating UNI EN ISO 11654	**0.25**
α(s) coefficient 2000 Hz	**0.69**
SAA Rating	**0.33**
NRC	**0.30**

KANA V-CUT 20 mm

α(w) rating UNI EN ISO 11654	**0.40**
α(s) coefficient 2000 Hz	**0.99**
SAA Rating	**0.57**
NRC	**0.60**

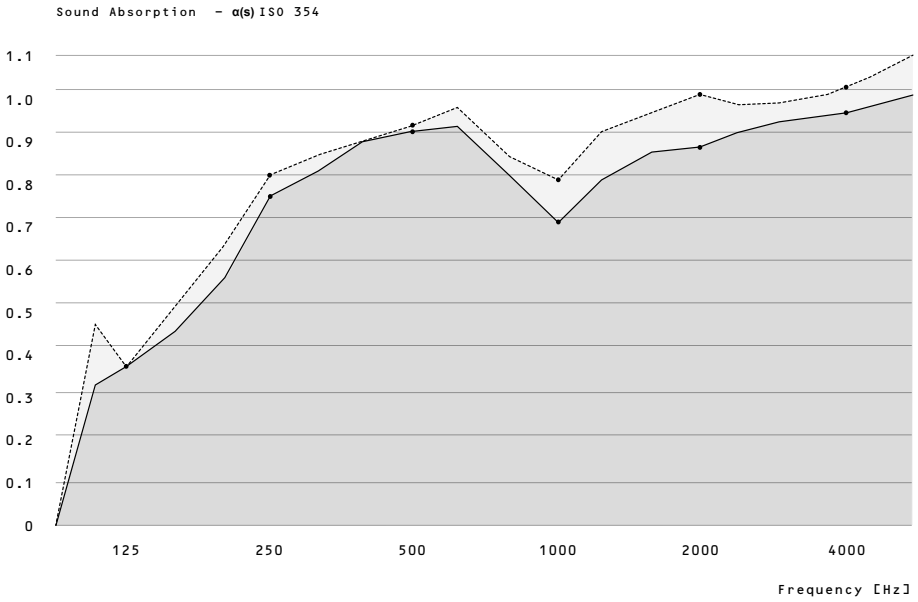


KANA V-CUT 10 mm with AIRGAP 200 mm

α(w) rating UNI EN ISO 11654	**0.90**
α(s) coefficient 2000 Hz	**0.89**
SAA Rating	**0.83**
NRC	**0.85**

KANA V-CUT 20 mm with AIRGAP 200 mm

α(w) rating UNI EN ISO 11654	**0.95**
α(s) coefficient 2000 Hz	**1.01**
SAA Rating	**0.89**
NRC	**0.90**



Performances and Reaction to fire

UV resistance EN 15187		Excellent [grey: 5/5; blue scale: >6]
VOC Emissions		None
VVOC emission rate (µg/m2h)*		None determined
Composition		Hemp + biodegradable PE fiber (biodegradation certificate available upon request)
Product type		Wall/ceiling panels for interior design
Density	10 mm	200 kg/m3
	20 mm	150 kg/m3

*Results for VOC emissions based on 28-days chamber testing.
Official results according to Indoor Air Comfort test by Eurofins.

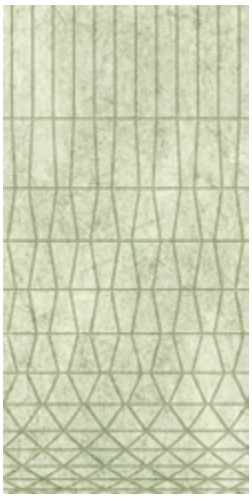
Classification	* B-s1-d0
Finishing	Clay-based paint
Texture	Compact and slightly soft, available in any NCS colour
Dimensional stability at moisture	If subject to RH >70%, panels could show a minor expansion of 1 mm maximum

*full certification available April 2026

Textures

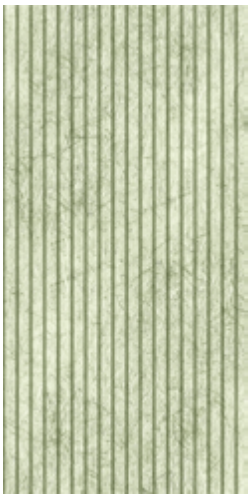
GINKGO

PALM

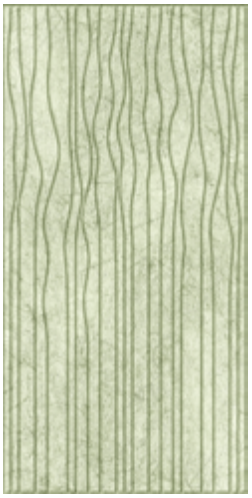


SEQUOIA

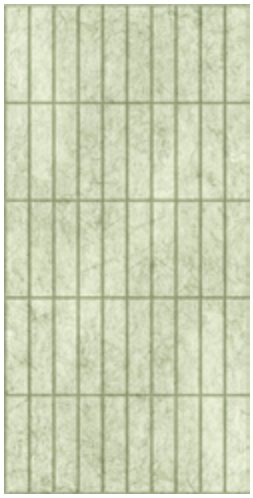
CEDAR



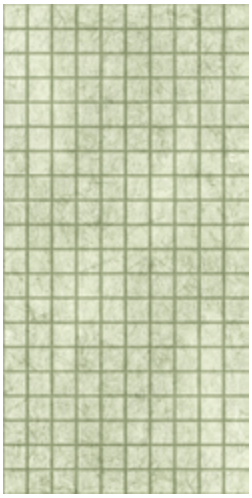
POPLAR



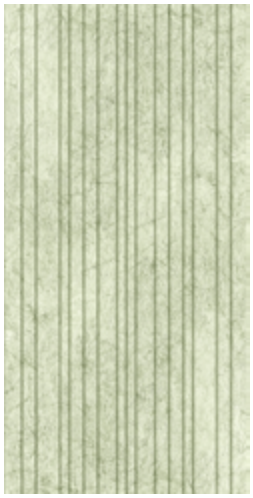
WILLOW



ELM



MAPLE



BETULA

CUSTOM

Colour Palette #2

Light Reflectance Value (LRV)

LRV measures the percentage of visible light reflected by a surface (such as walls, floors, ceilings, or furniture) at all wavelengths and angles when illuminated by a light source.

The LRV scale ranges from 0 to 100, with 0 representing an entirely black (completely absorbing) surface, and 100 indicating a perfectly white (completely reflective) surface.

(Note: in this palette, colours with the K0xx code belong to the **NCS system**).

K043

ROSEMARY
S 6010-G10Y
LRV:11

K045

HEDERA
S 3010-G20Y
LRV:30

K046

FENNEL
S 1010-G50Y
LRV:50

K047

BLUEBERRY
S 7020-R90B
LRV:05

K048

JUNIPER
S 6020-B
LRV:11

K050

JASMINE
S 2010-B
LRV:36

K051

RAISINS
S 4550-Y60R
LRV:16

K053

MUSTARD
S 3040-Y10R
LRV:25

K054

GINGER
S 1005-Y20R
LRV:61

K055

PLUM
S 6030-R10B
LRV:4

K056

GRAPEFRUIT
S 3040-Y90R
LRV:20

K058

LYCHEE
S 2010-Y70R
LRV:43

K059

PEPPER
S 7502-R
LRV:09

K061

SESAME
S 3005-Y50R
LRV:31

K062

SALT
S 1502-R
LRV:45

K063

LIME
S 0560-G60Y
LRV:46

K064

ELDERBERRY
S 3560-R80B
LRV:07

K065

PITAYA
S 3055-R40B
LRV:07

K066

MANGO
S 0560-Y
LRV:41

Colour Palette #2

Light Reflectance Value (LRV) - Paint Finishing

Light Reflectance Value (LRV) measures the percentage of visible light reflected by a surface. The scale ranges from **0** (absolute black, completely absorbing) to **100** (perfect white, completely reflective).

(Note: in this palette, colours with the **A0XX** code correspond to the **NCS system as reported below**).

A001

PINE
S 6010-B70G
LRV:13

A002

MOSS
S 5010-B70G
LRV:20

A003

FERN
S 4010-G10Y
LRV:27

A004

LICHEN
S 2005-G20Y
LRV:51

A005

FALLS
S 5020-B
LRV:15

A006

CREEK
S 3020-B
LRV:30

A007

RAIN
S 2010-B
LRV:47

A008

DROP
S 1005-B
LRV:69

A009

BALOS
S 4020-R
LRV:20

A010

TERRACOTTA
S 3020-Y80R
LRV:29

A011

SAND
S 2010-Y70R
LRV:48

A012

SILT
S 1005-Y50R
LRV:67

A013

BARK
S 4005-Y20R
LRV:29

A014

HUMUS
S 3005-Y20R
LRV:39

A015

MUSHROOM
S 2005-Y30R
LRV:52

A016

MYCELIUM
S 1005-Y20R
LRV:68

A017

SLATE
S 4502-B
LRV:26

A018

ANDESITE
S 3502-R
LRV:35

A019

FOSSIL
S 2002-R50B
LRV:52

A020

DOLOMITE
S 1500-N
LRV:62

A021

MARBLE
S 0500-N
LRV:82

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

Pioneering the use of mycelium – the vegetative part of mushrooms – as a core material technology, Mogu has spent eleven years expanding this knowledge into a broader portfolio of bio-based products, all rooted in organic residues from agro-industrial value chains.

Each product reflects a continuous, iterative R&D process where material science, sustainability, and design converge to redefine what everyday objects can be made of.

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