Fitwall

CERAMIC
SURFACES AUSTRALIA

Large format **decorative panels** which can recreate textures and volumes with **great realism to the eye and to touch.**

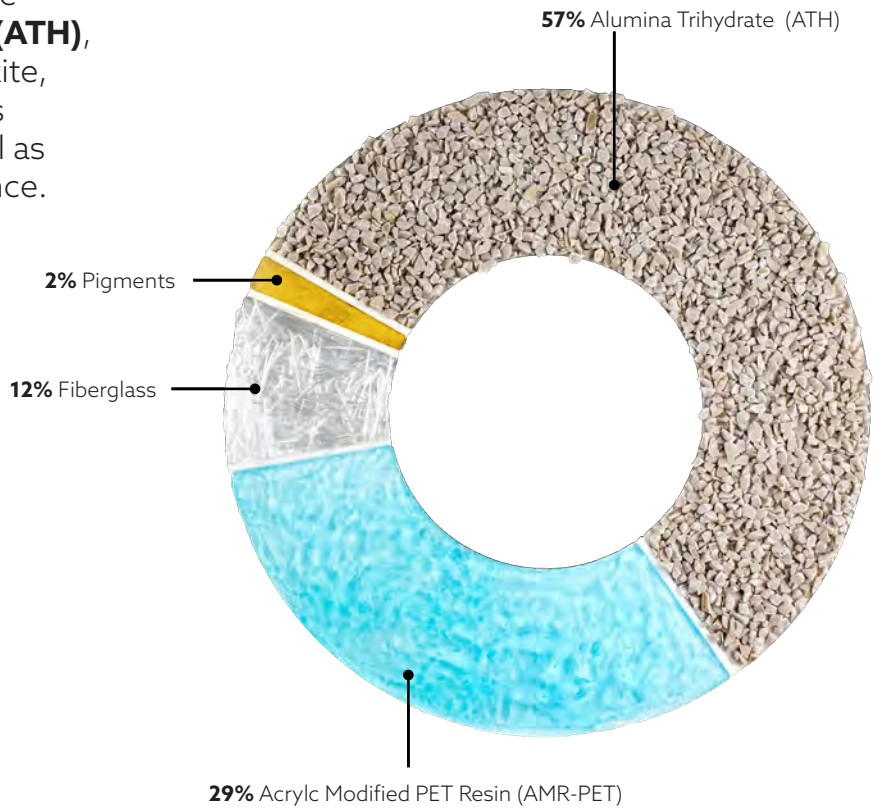
Fitwall Composition

Fitwall™ panels are **mineral composites** which combine elements of different types. The main mineral load is **alumina trihydrate (ATH)**, a material refined and purified from bauxite, which offers technical properties such as unique **resistance and durability**, as well as standing out in fire resistance performance.

The Acrylic Resin which bonds the minerals incorporates only 3% recycled PET. Thanks to its composition, Fitwall offers good safety performance and low emission of volatile organic compounds.

Due to the innovative volumetric forms, along with reduction of weight and thickness, **fibreglass** is incorporated to give the Fitwall™ **panel consistency and resistance throughout its surface**, generating a flexible, robust and durable product

Finally, a wide **variety of pigments, enamels and dyes** are incorporated, which are applied through a very careful and exclusive process to achieve **extraordinary natural finishes and designs**.



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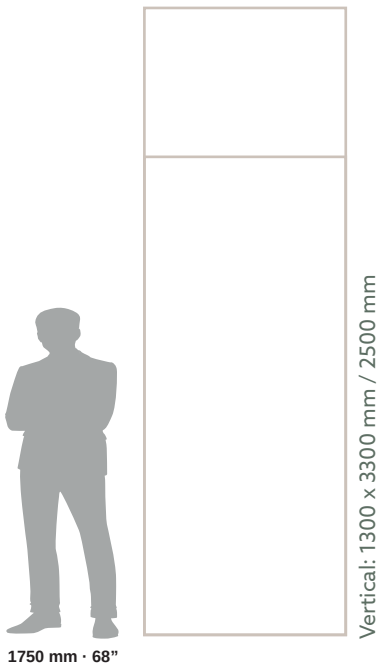
Fitwall™ formats



3300 x 1300 mm

2500 x 1300 mm

WAVE
23 kg/panel
5,4 kg/m²

ARCO
21 kg/panel
6,2 kg/m²

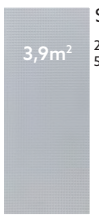
ROLLING
28 kg/panel
7,3 kg/m²

MATTONELLA
31 kg/panel
8,3 kg/m²

DOGHE
32 kg/panel
8,3 kg/m²

WILLOW
42 kg/panel
9,9 kg/m²

PALM
34 kg/panel
9,0 kg/m²



SHADES
20 kg/panel
5,1 kg/m2

OZ
22 kg/panel
5,8 kg/m2

PROPERTIES

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Fitwall™ panels have a detailed aesthetic based on original creations and also have a series of attractive properties which make them functional, beyond being solely a decorative panel.

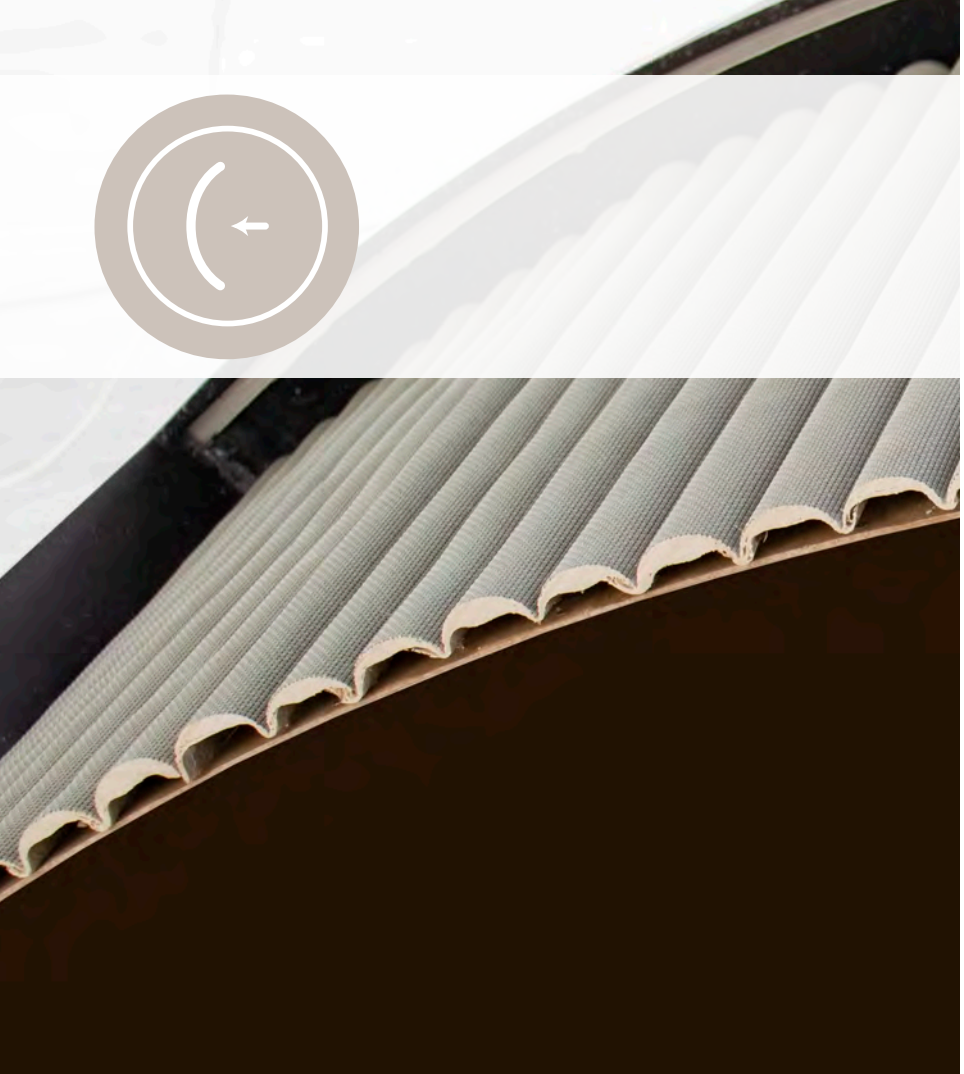
- Mineral composition
- 100% realistic finishes
- Lightness
- Flexibility
- Dry construction
- Resistance to dry heat
- Repairable
- Reusable
- Impact resistance
- Fire resistance




Lightness

The average weight of Fitwall™ panels is from **5-10kg/m²** depending on the model, therefore offering a great advantage over the materials it replicates. Its composition allows a large format panel with a light weight to be obtained.

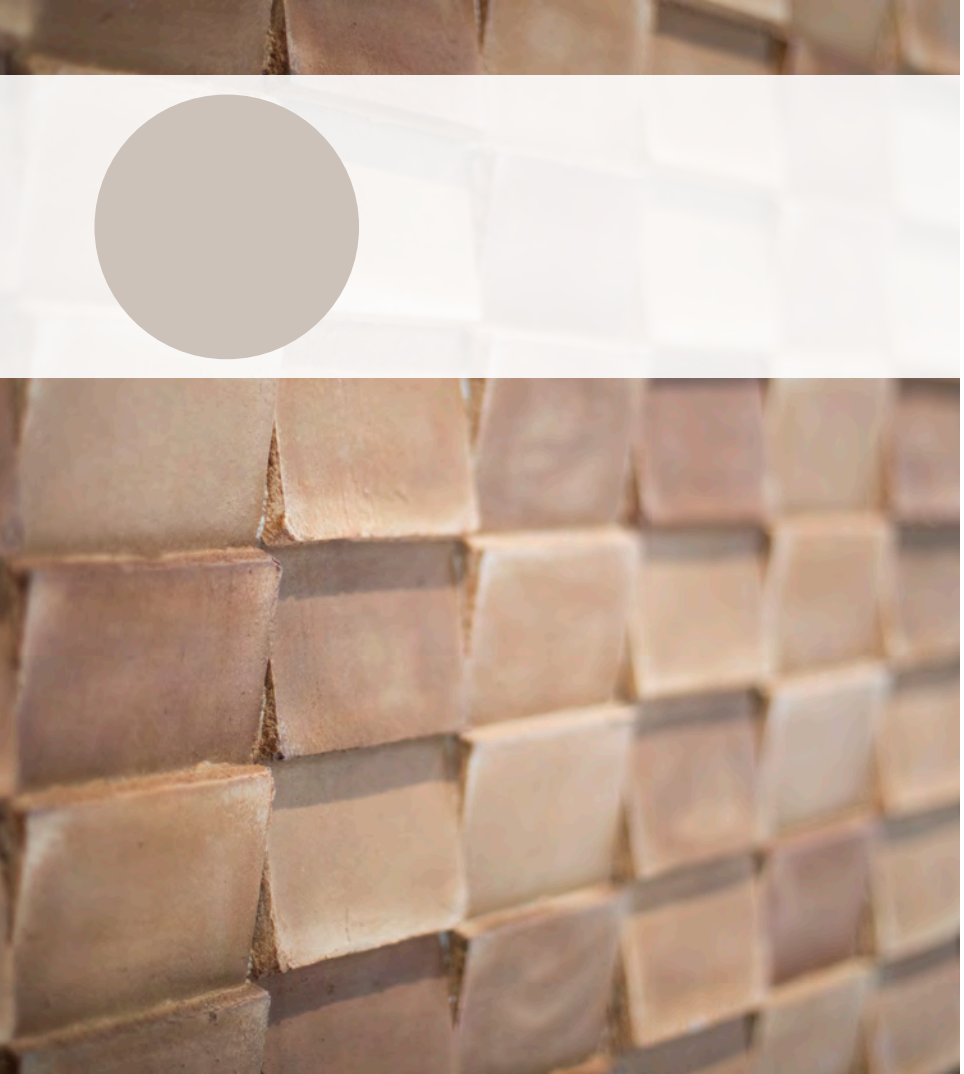
5-10 kg/m²



Flexibility

The flexibility of Fitwall™ allows the material to adapt to certain forms and to the substrates where it is installed.

Depending on each model, curves can be produced which cannot be achieved with other materials.



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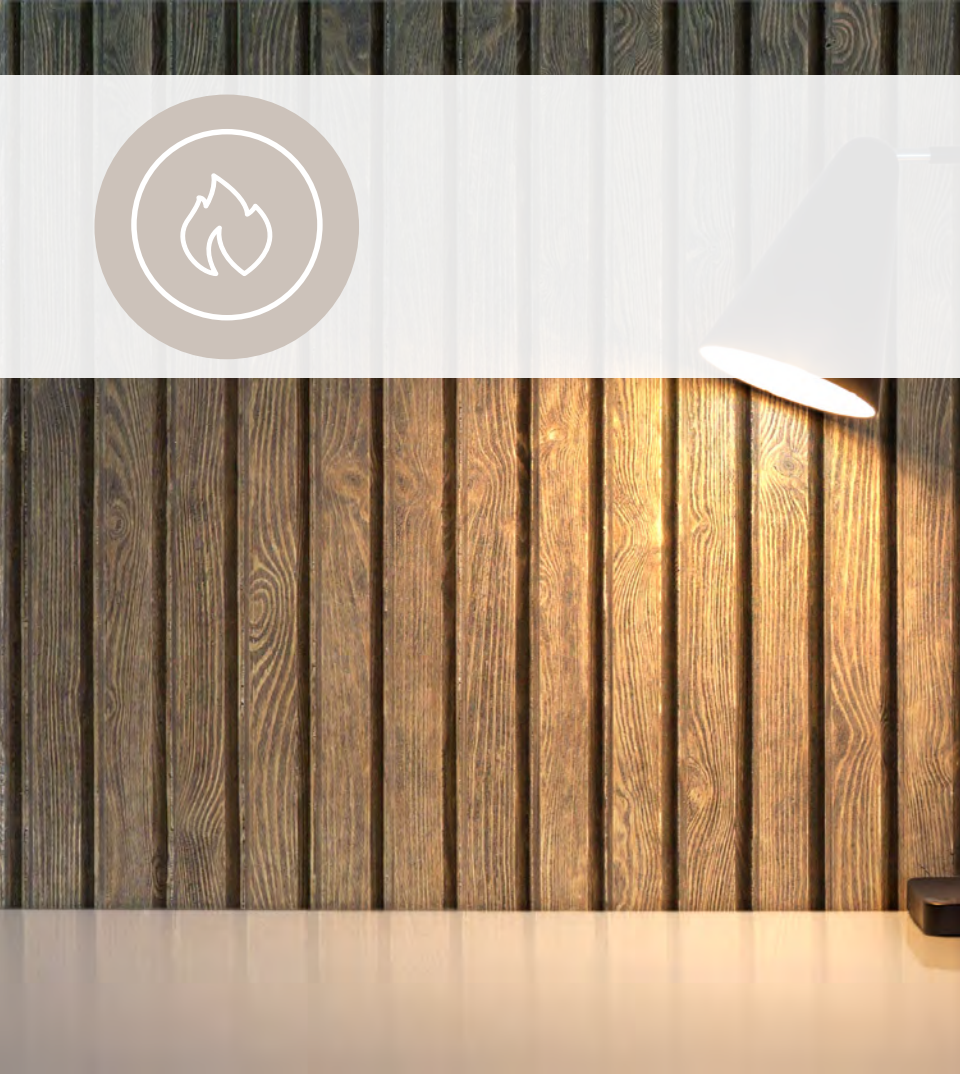
Non-porous and easy cleaning

All Fitwall™ panels are produced using technology where the whole panel has the same composition, creating a full mass material. With regard to the different types of surface finishes, materials which bond to each other well have been used, thereby avoiding delamination of layers due to accidental bumps, impacts and scratches.



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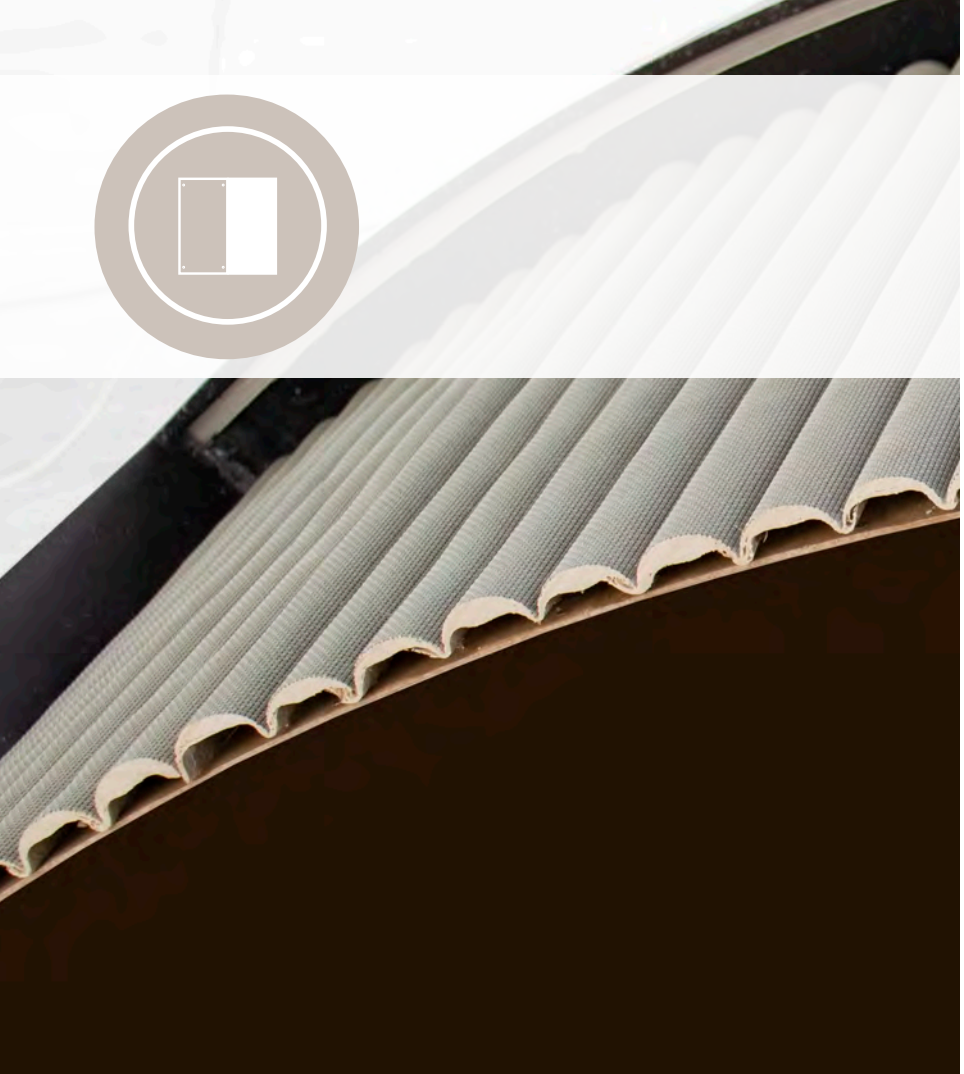
Fire resistance

Thanks to their composition, Fitwall™ panels have a high resistance to fire, guaranteeing safety in both residential and public environments. The main mineral load (ATH) is differentiated in fire resistance performance. This has been tested under European (Euroclases) and American (ASTM) regulations.

* EuroClase B-S2, d0
* ASTM Class A



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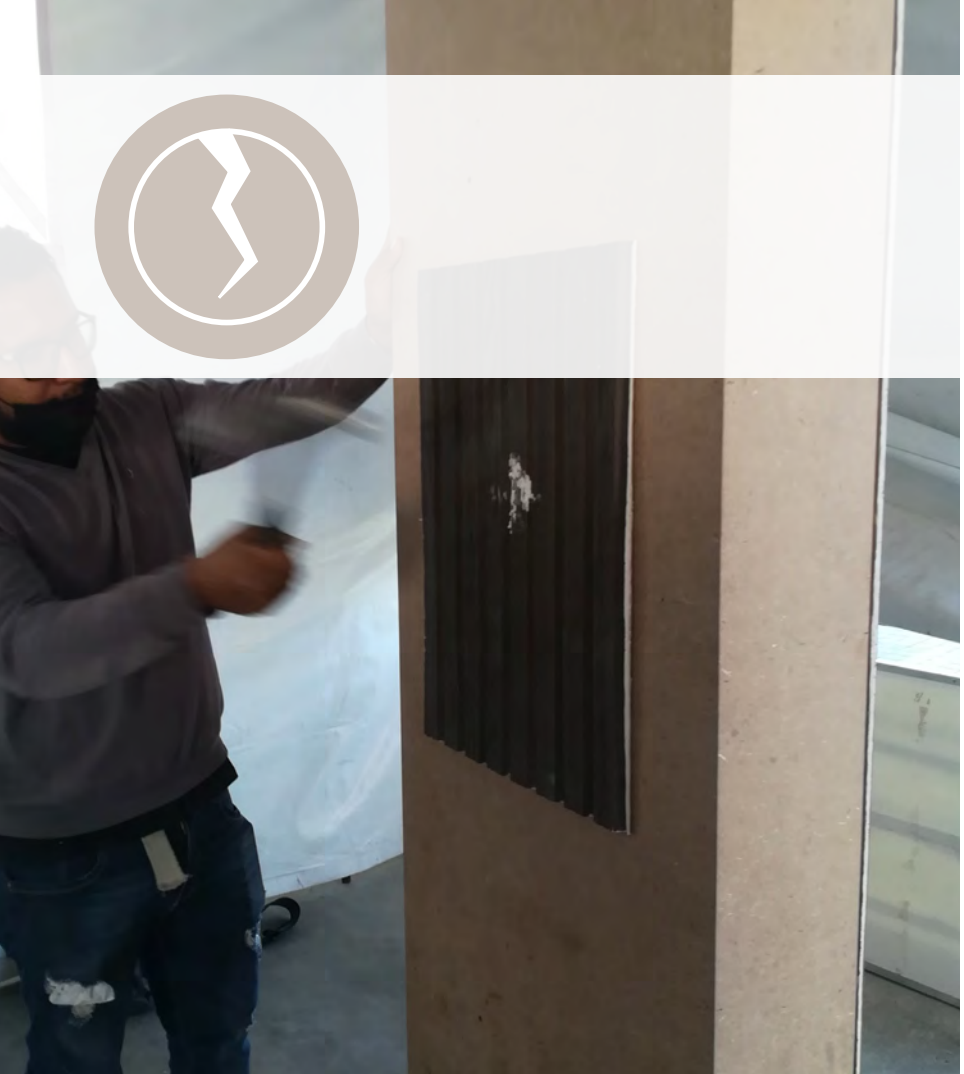
Easy installation

Fitwall™ panels have been designed to allow a change of appearance through **quick installation** and **without the bother of dust and works.**

In this way, an interior design project can be completed in a commercial environment, barely disrupting normal operation, thanks to **short installation times.**



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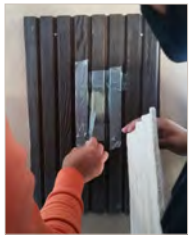
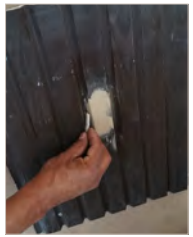
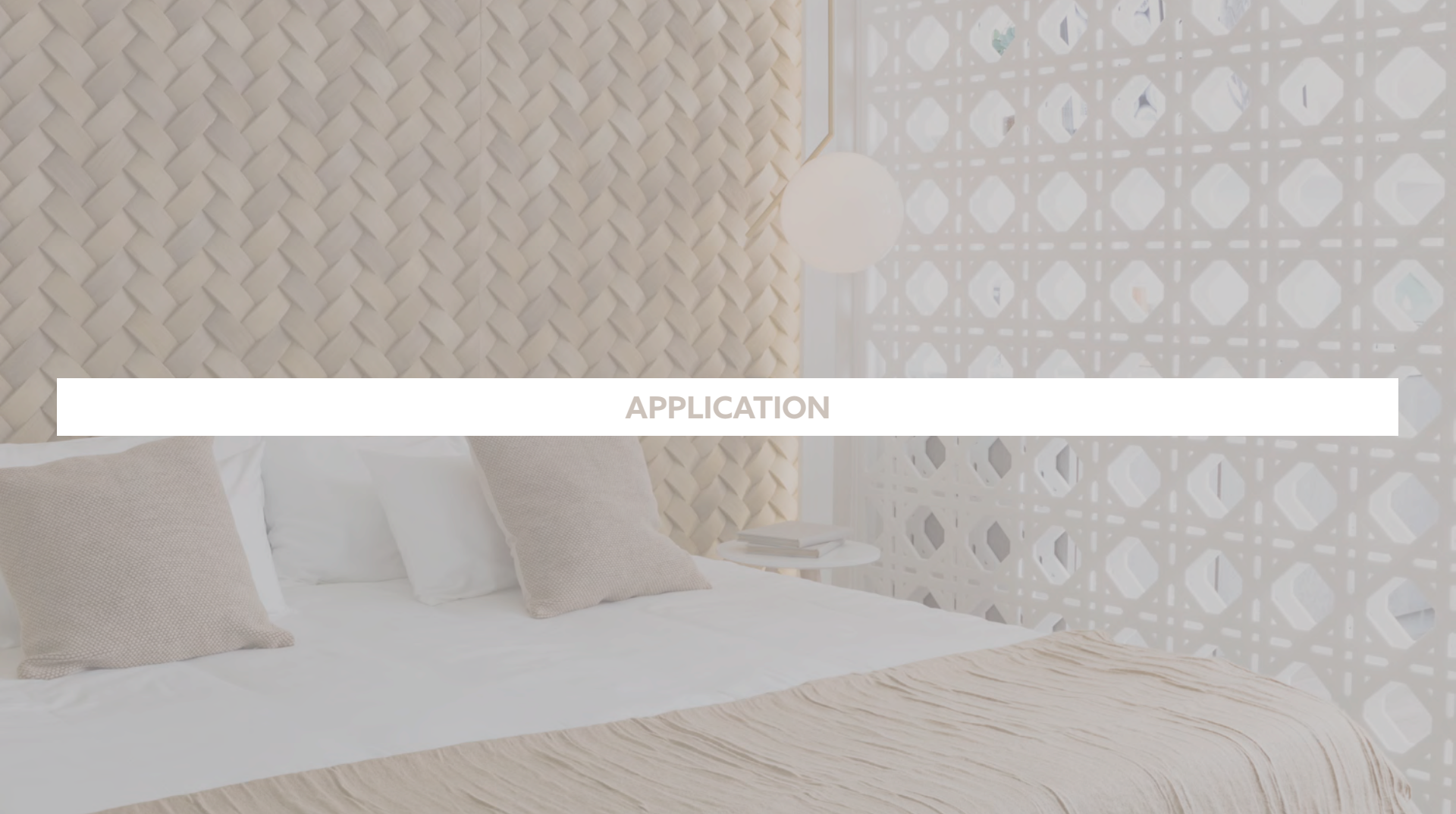
Repairability

The panels can be repaired in situ, using the same accessories and putty used for their installation.





APPLICATION

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Fitwall™ is used as a decorative coating for walls, furniture and interior commercial and residential equipment. It can be applied in ceilings and horizontal claddings as non-functional decorative element

Residential

Retail

Hotel

Restaurant

Offices

Public Buildings

Healthcare

Transport

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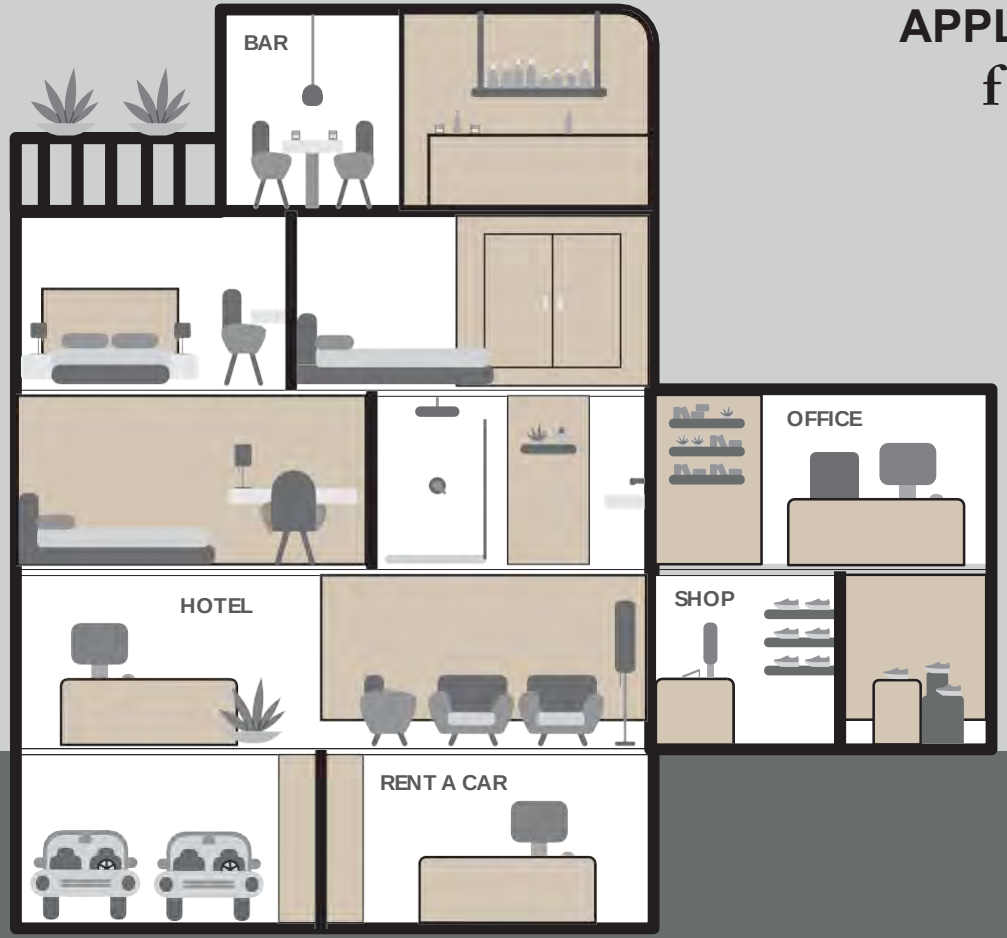
APPLICATIONS

fitwall

fitwall



Residential	Retail	Hotel	Restaurant	Offices	Public Buildings	Healthcare	Transport
SOME EXAMPLES OF PROJECT TYPES							
SINGLE-FAMILY ESTATES APARTMENTS	SHOPS SUPERMARKETS SHOPPING CENTRES	RESORTS APART-HOTELS RURAL HOUSES	RESTAURANTS CAFETERIAS PATISSERIES	INSURANCE BANKS RENTAL	SCHOOLS MUSEUMS COURTS	CLINICS HEALTH CENTRE HOSPITALS	AIRPORTS STATIONS
Walls **Ceilings** **Units** **Fittings**	**Walls** **Ceilings** **Units** **Fittings**	**Walls** **Ceilings** **Units** **Fittings**	**Walls** **Ceilings** **Units** **Fittings**	**Walls** **Ceilings** **Units** **Fittings**	**Walls** **Ceilings** **Units** **Fittings**	**Paredes** **Techos** **Mobiliario** **Equipamiento**	**Walls** **Ceilings** **Units** **Fittings**
SOME EXAMPLES							
Corridors Rooms Doorways Halls Lounges Bathrooms* Kitchens*	Corridors Fitting rooms Window displays Shop counter fronts Displays Cold cabinet fronts	Corridors Rooms Lobbies Buffets* Bathrooms* Dividers	Corridors Bar fronts Counters Back bar Buffets* Bathrooms* Flowerpots	Corridors Offices Counters Clients services Partitions Displays	Corridors Classrooms Communal areas Counters Partitions Dividers Gyms	Corridors Receptions Rooms Lobbies Offices Nursing control station	Corridors Counters VIP rooms Communal areas Dividers

*Fitwall™ is a decorative panel intended for use in interior applications that do not require high mechanical performance.

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INSPIRATION

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Fitwall™ decorative panels are inspired by realistic designs.

The pigments and techniques used allow us to **faithfully reproduce** wood, concrete, fired clay, fabrics and any design that can be imagined.

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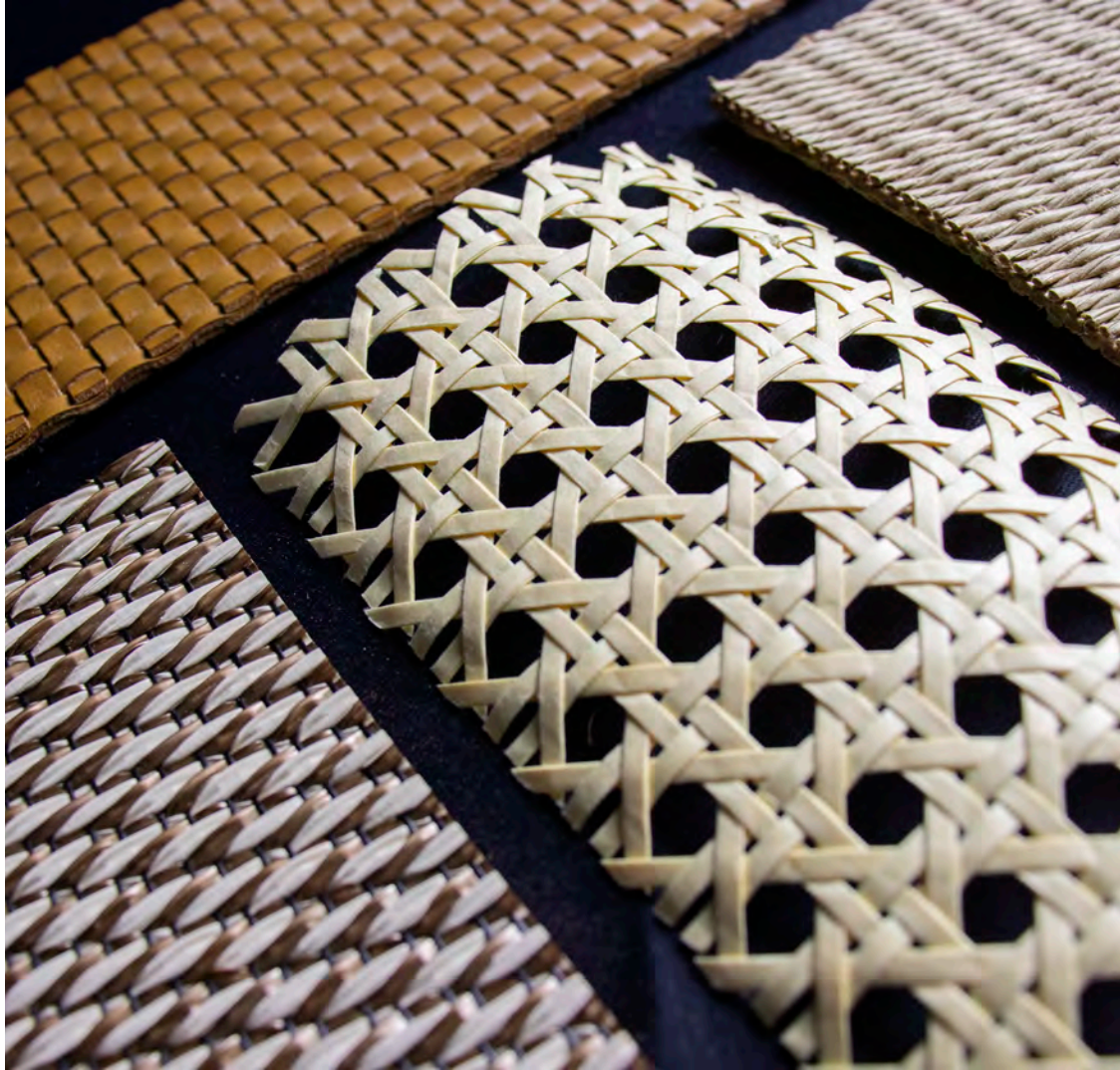
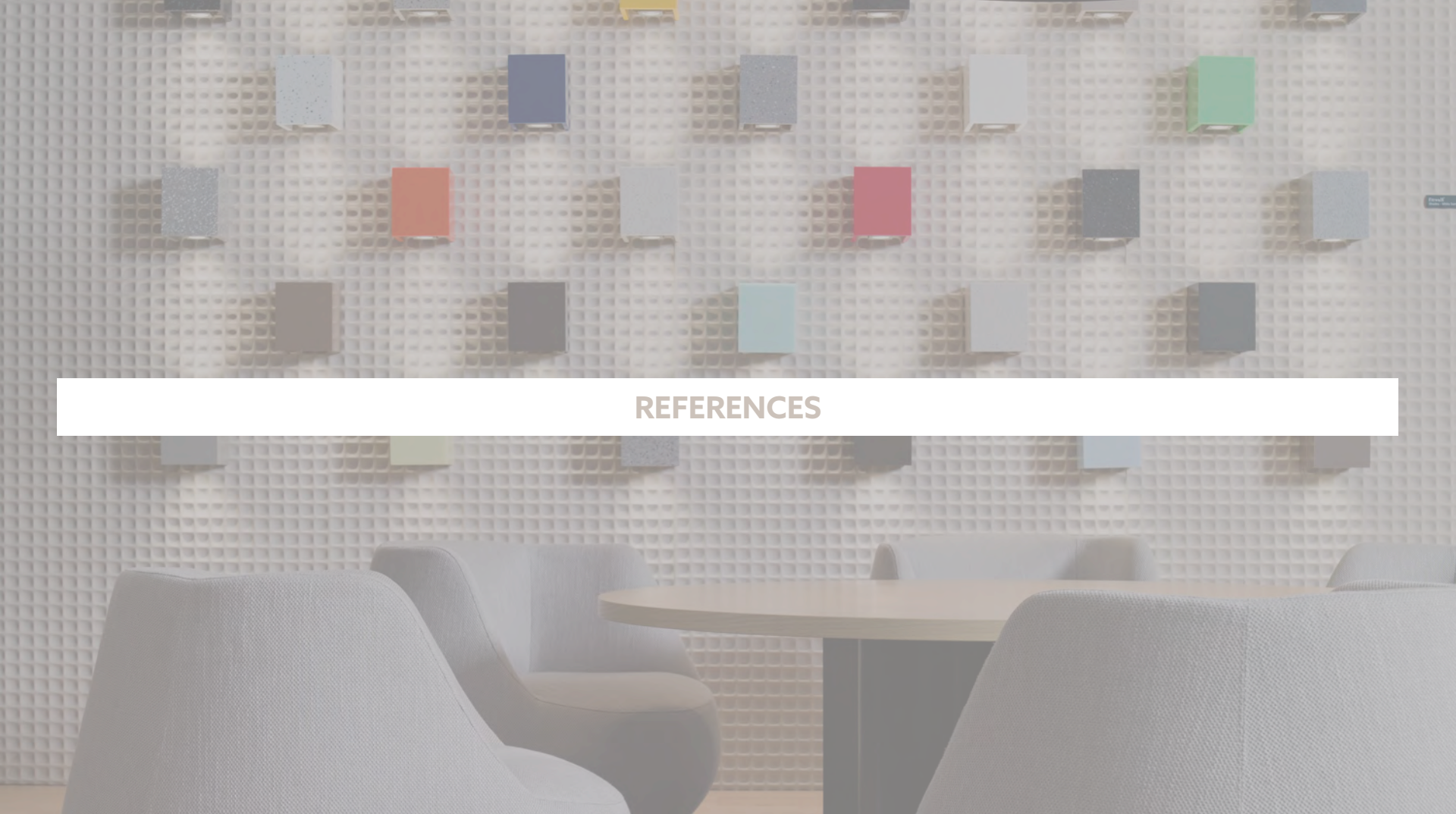
Model and pattern

Crafted piece created with original elements of the same dimensions which allow the reproduction of the same finishes.

The mould determines the volumes and finishes. We thereby achieve **perfectly real textures** which precisely reproduce the realism of the models they copy.



REFERENCES



CONCRETE SERIES

WAVE


White Sand

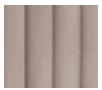

Ocre Sand


Grey Sand

ARCO


White Sand


Ocre Sand


Grey Sand

ROLLING


White Sand


Ocre Sand


River Sand

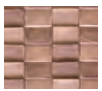

Velvet Black

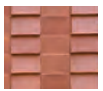
COTTO SERIES

MATTONELLA


White Clay


Paglierino


Bruciato

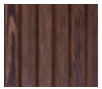

Rosato

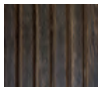

Anticato

WOOD SERIES

DOGHE


Roble Natura


Nogal Americano


Roble Murano

CREATIVE SERIES

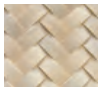
WILLOW

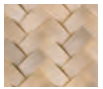

Velvet Green


Velvet Blue


Velvet Black

PALM


Mediterranean


Caribbean

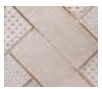
SHADES

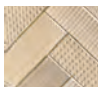

White Sand

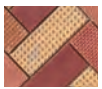

Vanilla Sand

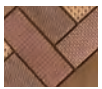

Dark Sand

OZ


White Clay


Mediterranean


Red Clay


Yellow Clay


Velvet Brown

wave

1295 x 2590/3290 mm

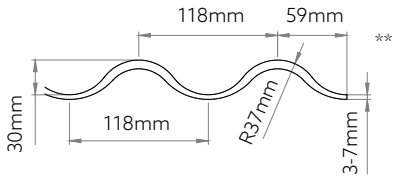
Wave · White Sand

Wave · Ocre Sand

Wave · Grey Sand

Nice and delicate forms create Wave, a panel of contrasts combining smooth curves with the texture of details.

Wave creates sophisticated and timeless spaces seeking care for detail in each element.



(*) Approximate measurements. Nominal measurement tolerance is ±20mm on the long side and ±10mm on the short side.
(**) Approximate measurements. Design elevation tolerance ±5mm.

arco

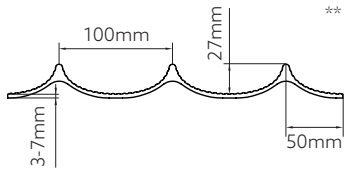
1185 x 2590/3290 mm

Arco · White Sand

Arco · Ocre Sand

Arco · Grey Sand

The grandeur of the monuments of Roman architecture have served as an inspiration for designing Arco.



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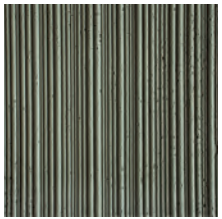
rolling

1295 x 2590/3290 mm

Rolling · White Sand

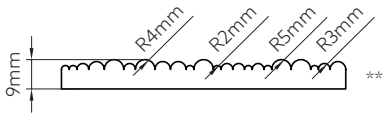
Rolling · Ocre Sand



Rolling · River Sand

Rolling · Velvet Black

Inspired by the beauty given to us by nature, we have designed Rolling, a panel which stands out due to its exotic and natural aesthetic.



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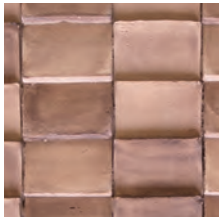
mattonella

1145 x 2595/3265 mm

Mattonella · White Clay

Mattonella · Paglierino

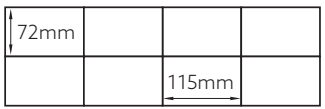


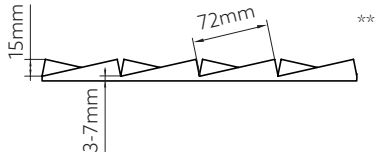
Mattonella · Bruciato

Mattonella · Rosato

Mattonella · Anticato

Taking traditional aesthetics as an inspiration, we have designed Mattonella, a panel with an appearance similar to fired clay which offers a unique decorative potential.





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doghe

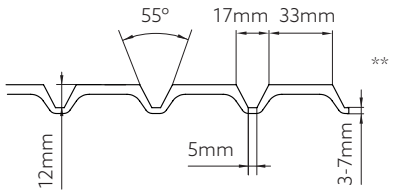
1285 x 2590/3290 mm

Doghe · Roble Natura

Doghe · Nogal Americano

Doghe · Roble Murano

With a similar appearance to natural wood, Doghe is noble and sophisticated, a decorative panel which conveys elegance.



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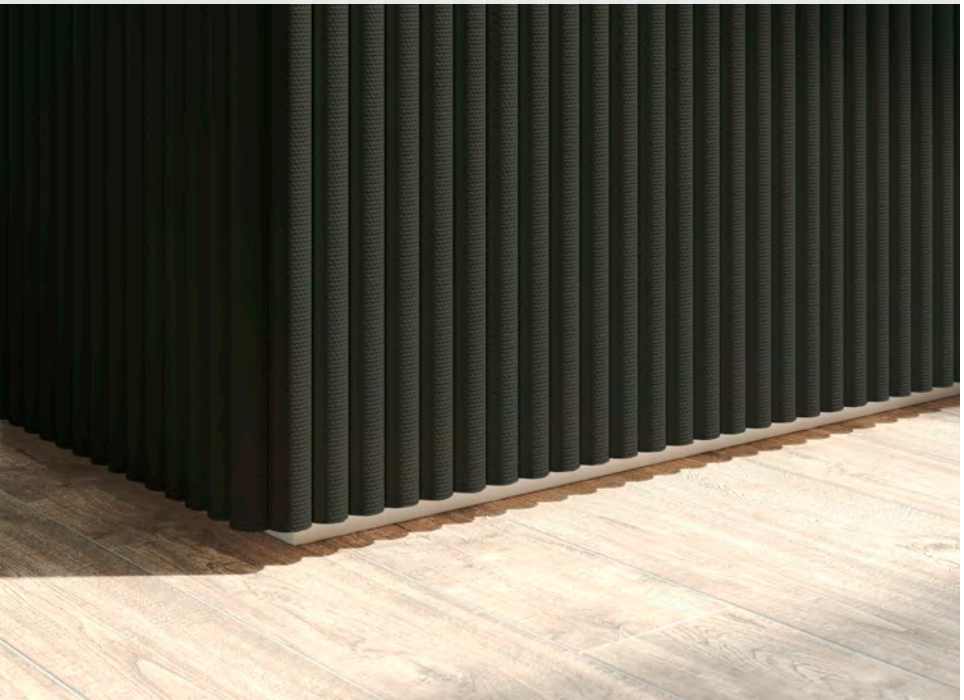
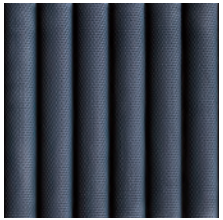
willow

1285 x 2590/3290 mm



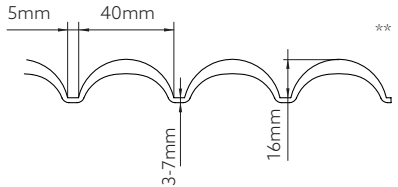
Willow · Velvet Green



Willow · Velvet Blue

Willow · Velvet Black

Willow emits peaceful sensations for creating welcoming environments. Excellent for use in spaces where a fresh, delicate atmosphere is sought.



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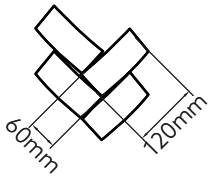
palm

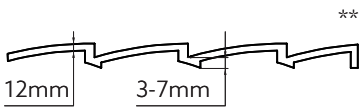
1183 x 2532/3201 mm

Palm · Mediterranean

Palm · Caribbean

Passion for details has led us to design Palm, a piece with a braided appearance which gives volume to decoration.



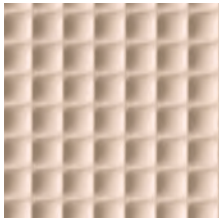


(*) Approximate measurements. Nominal measurement tolerance is ±20mm on the long side and ±10mm on the short side.
(**) Approximate measurements. Design elevation tolerance ±5mm.

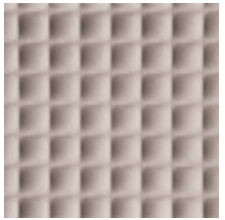
shades

2520/3165 x 1228 mm

Shades · White Sand

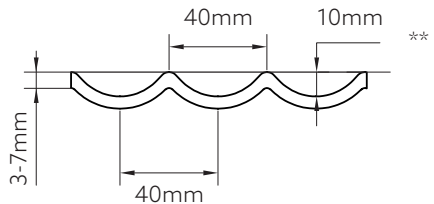


Shades · Vanilla Sand



Shades · Dark Sand

Contemporary and sophisticated, Shades is a commitment to conveying sensations and lingering in the mind.



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(**) Approximate measurements. Design elevation tolerance ±5mm.

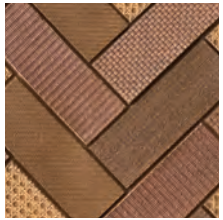
oz

3085 x 1230 mm

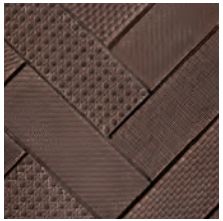
Oz · White Clay

Oz · Mediterranean

Oz · Red Clay



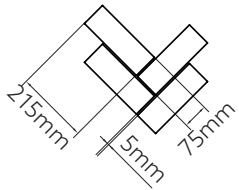
Oz · Yellow Clay

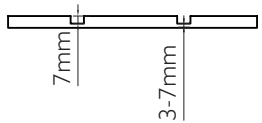


Oz · Velvet Brown

Different textures make up Oz, a striking combination which is notable for its originality and ability to transform any space.

It is the perfect decorative panel for premises seeking to project a modern image, such as restaurants or cocktail bars.





(*) Approximate measurements. Nominal measurement tolerance is ±20mm on the long side and ±10mm on the short side.
(**) Approximate measurements. Design elevation tolerance ±5mm.

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Accesories

For the installation of Fitwall™ panels, accessory materials such as putties, paints are requested.

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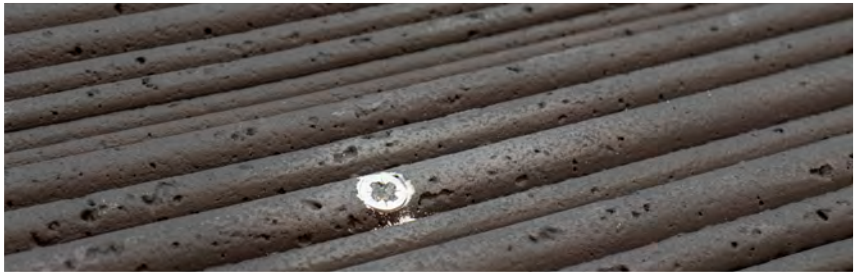
Putties

For the installation of Fitwall™ panels, different types of putty are used depending on the model to be installed. These **may be used for touching up both joints and fixings of Fitwall™ panels and even to make repairs** which may have to be made at the time of installation or due to maintenance work.

Fitmastic Fine

Fitmastic Rough

Aquafitmastic Rough



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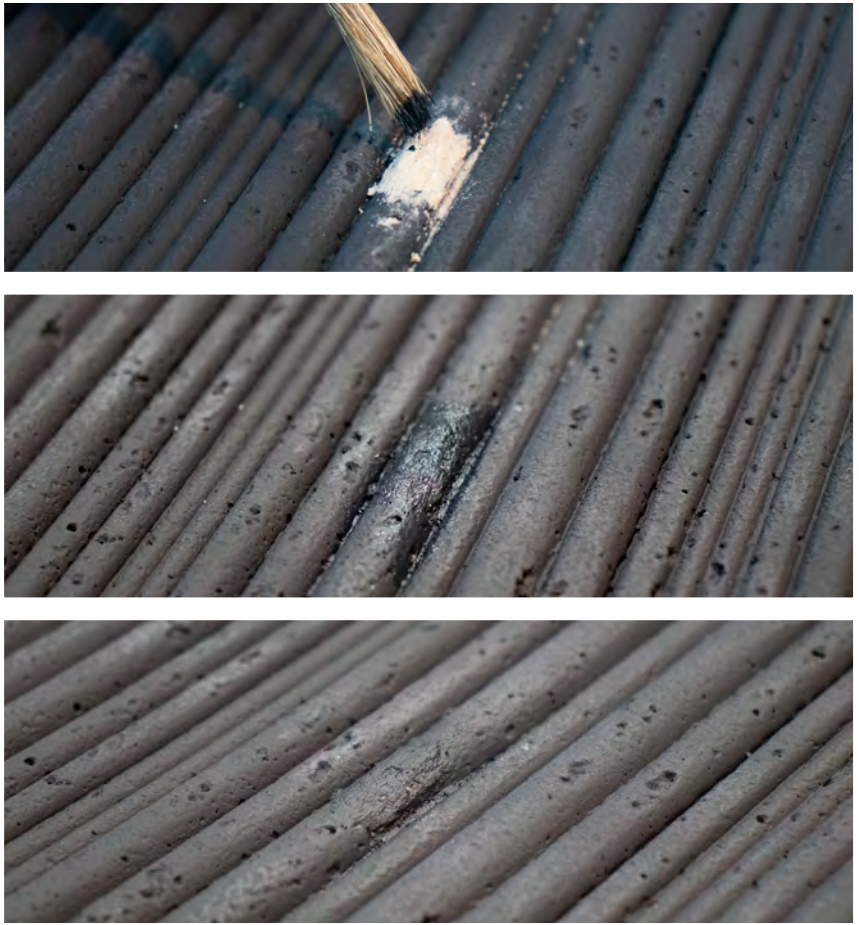
Paint

Paints are used to make aesthetic touch ups during the installation or maintenance process, such as covering joints and fixings which have previously had putty applied to them.

They can also be used to paint full panels or repair accidental damage.



SUSTAINABILITY

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Certifications

The **REACH** Regulation regulates chemical products which are manufactured or included as substances in mixtures and finished products in the EU market.

Similar to the environmental product declaration (EPD), the health product declaration (HPD) is a document oriented toward transparency, which allows all components of a construction material to be listed, setting out all effects which may have an impact on the health of individuals who come into contact with the material.

From the 1st of January 2012, construction products in France must be labelled with a VOC (volatile organic compounds) emission classification.

Krion® Porcelanosa Solid Surface has obtained the highest rating of A+, which guarantees low VOC emissions and therefore preserves environmental quality inside of buildings.

At KRION™ we guarantee that BPA is not used in the formulation of Fitwall™, as this chemical compound does not form part of it, and verifies that none of the raw materials used may contain this component. A study on this has been carried out in a certified external laboratory. This study reached the conclusion: "No indication of Bisphenol A is observed".

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Recycled content

SCS Recycled Minimum Content 3%

SCS Global Service, an independent American entity leader in environmental audits, has verified that Fitwall™ panels **contain a minimum of 3% (PET)** in their composition, a large part of which comes from recycled plastic waste, thus making production more sustainable and respectful of the environment.

HOW TO PLAN AND INSTALL Fitwall™ SPACES

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Selection of the panels

- **Check** the **technical aspects** of the panel are suitable for the scope of the project.
- In the case of **curved walls**, check if the radius ranges are within the tolerances, consulting its technical data sheet.
- Take into account the **volumetry** and formats of the panel.
- Define the **type of joint** to be made.

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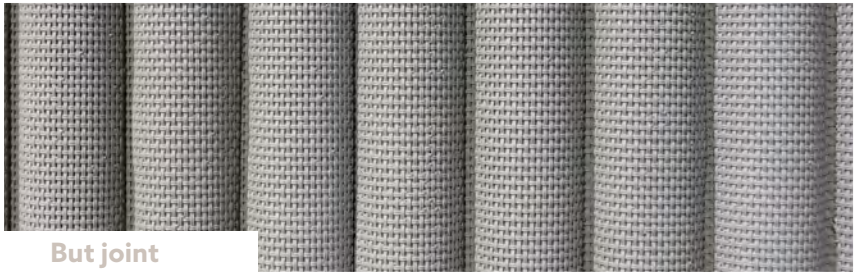
Joints

Depending on the model and its form, the joint may be one type or another. The three possible cases are explained below:

- Butt joint: There are models for which, due to their design, it is not necessary to apply putty to the vertical joint, as the perfect fit when cutting and joining is sufficient.

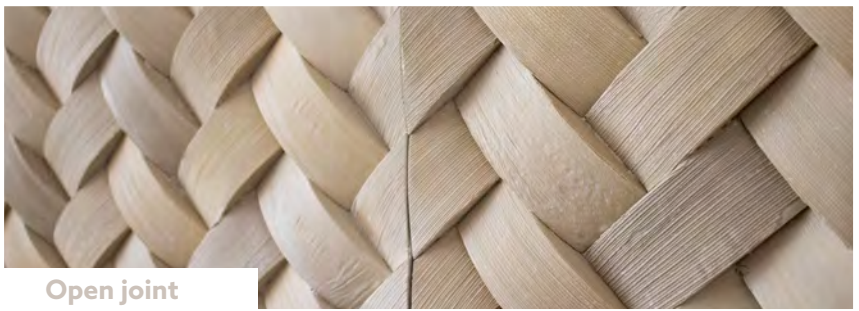
- Closed joint: There are some models for which, due to their design, only a slight retouch of putty is necessary to conceal the vertical joint.

- Open joint: In some cases, a space is left, or a profile is included between panels.



But joint

Closed joint



Open joint

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Analysis of the space

For a project with Fitwall™ panels, it is important to analyse the space where the panels will be installed, as well as considering that each panel has **its own geometry and format.**

Here the work of the planner is instrumental, as the space for installing the panel must be studied, giving it the **maximum visual continuity.** It is possible that on some occasions the space must be modified or a specific joint between panels must be used to make this continuity possible.

We may find columns, corners, curved walls, nooks or outlets, and each one can be resolved differently depending on the Fitwall™ panel model to be used, as the **unique characteristics of joints between panels** must be taken into account

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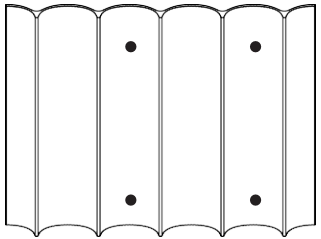
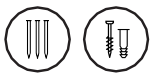
Suitable fastenings

- To fix the panel to the substrate, it is advisable to anchor at the points recommended in the installation sheet, to avoid areas with gaps between the panel and the substrate.
- The mechanical anchor is the main system by which the panel will be attached to the wall. Depending on the type of support where it is going to be installed, a type of screw and plug or nail will be used.
- Possibility of using a chemical anchor to partially replace the mechanical anchors in the central area of the panel.

The use of chemical fixing does not replace all the mechanical anchors since, in any case, the perimeter frame of each Fitwall™ panel must be fixed to the substrate by means of mechanical anchors to avoid possible torsions derived from the tensions of the panels.



Chemical anchoring

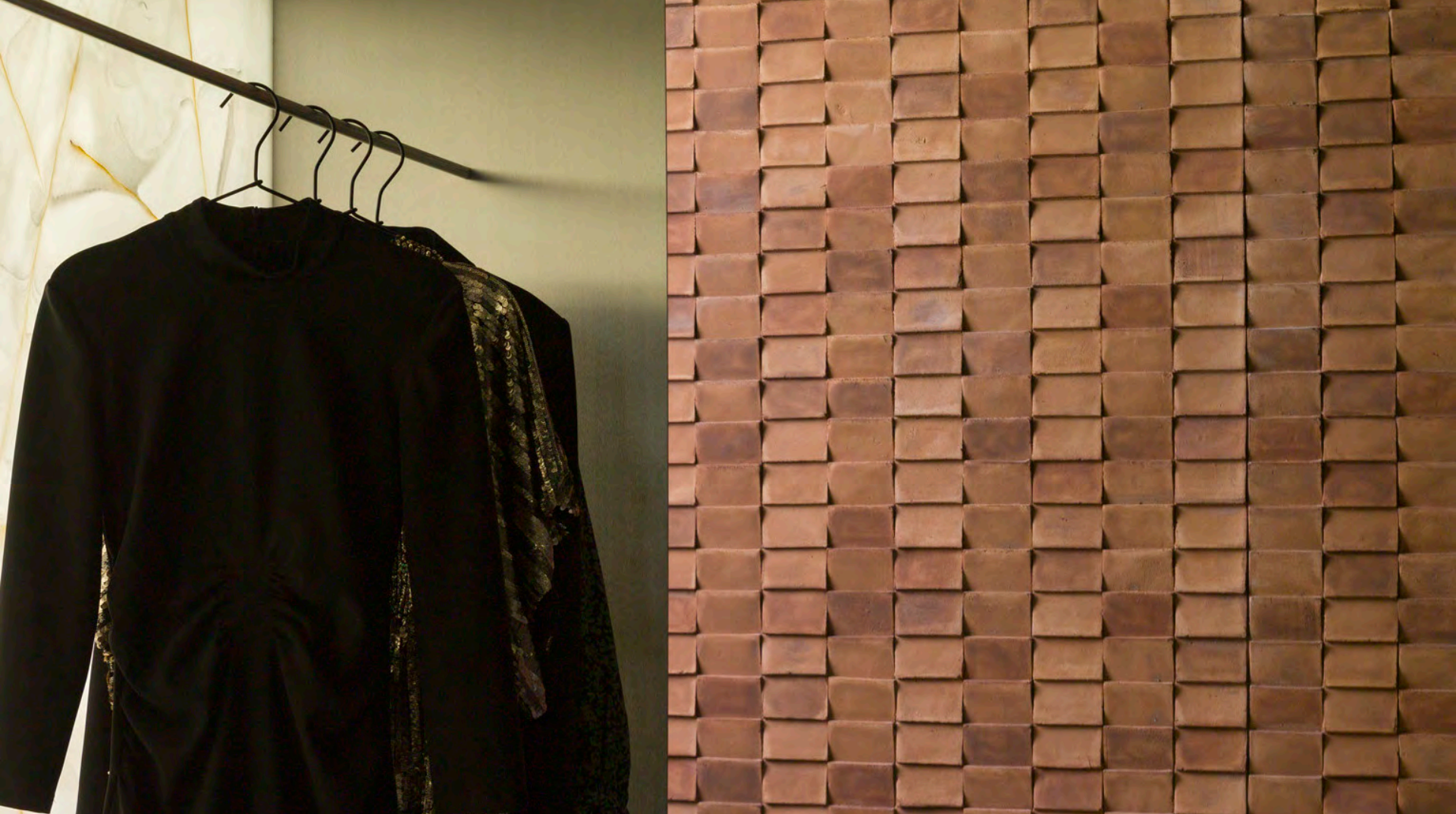
Plasterboard	Brick	Wood
		
Headless nail or wall plug and screw	Wall plug and screw	Headless nail

Optional chemical anchoring

Chemical anchoring

Mechanical anchoring

PROJECTS

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NEW models Fitwall™

Fitwall™ MUR

Fitwall™ MATTONI

**Now Available.*


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