

BMARCHITECTURAL

A1 EAZYDECK PORCELAIN DECKING BROCHURE



BENEFITS

BMA is proud to introduce A1 EazyDeck, the flagship product for all commercial and residential balconies, roof terraces. Unique in the market, this innovative porcelain decking specifically designed for Highrise buildings looking for an A1 non-combustible product that not only is more durable than aluminium and cement fibre board decking but also gives you the most luxurious look.

A1 EazyDeck has revolutionised the construction sector and become the best alternative to conventional decking thanks to its extreme resistance to wind, fire and stains, as well as the durability of the material itself and its strong non-slip properties and has an exquisite design inspired by natural timber.

BENEFITS OF A1 EazyDeck PORCELAIN DECKING

- **HARDWEARING** – A1 EazyDeck porcelain decking has a hardness close to diamond and is almost impossible to scratch.
- **STAIN RESISTANT** – during the manufacturing process A1 EazyDeck porcelain decking is vitrified so that it does not absorb any water.
- **FROST PROOF** – Thanks to the vitrification process, A1 EazyDeck porcelain decking is totally frost proof.
- **100% COLOURFAST** – unlike wood, composite, cement fibre board and aluminium decking, A1 EazyDeck porcelain decking will be the same colour in 1000 years' time without having to re-apply paint or sealers like other non-combustible products on the market. A1 EazyDeck is perfect for coastal/marine environments where salts might affect the surface /colour due to salts.
- **RESISTANT TO HEAT** – A1 EazyDeck porcelain decking does not shrink or swell when exposed to heat or changes in humidity, unlike wood and composite when installed.
- **LONG-LASTING & ENVIRONMENTALLY FRIENDLY** – A1 EazyDeck porcelain decking when installed will look as good in fifty years as when it was first laid whereas other boards will fade and need replacing.
- **SAFE** – A1 EazyDeck porcelain decking does not contain any nasty chemicals and are inert to most chemical reactions. This is not the case with wood decking, composite decking, cement fibre decking and aluminium decking.
- **SUITABLE FOR USE OUTSIDE** – A1 EazyDeck porcelain decking has been designed to be used inside and outside, allowing you to create a seamless link between your living spaces where you must compromise with other non-combustible products because they cannot be used inside.



ADVANTAGES

A1 EAZYDECK PORCELAIN DECKING



FIRE-RESISTANT: CLASS A1

Porcelain tile materials are fully fire resistant. Porcelain tiles are one of the few materials that do not burn, melt or release substances that are harmful for people or the environment, even in direct contact with flames.



WIND RESISTANT

In outdoor environments, A1 EazyDeck is a wind-resistant decking system. It can withstand both positive pressure (uplift) and negative pressure (suction).



A SCREW-FREE INSTALLATION SYSTEM

A1 EazyDeck is perfect for use on flat roofs and balconies, because the battens can be anchored with composite materials rather than screwing them down. This avoids possible water leaks.



THE ONLY Porcelain DECKING ON THE MARKET

A1 EazyDeck is a porcelain decking system. In comparison with wood or synthetic materials, it affords all kinds of advantages in terms of its installation and useful life. Additionally, only minimal care is required.



ANTI-BACTERIAL

Hygiene and safety are two key priorities in today's society. Because A1 EazyDeck is made of porcelain materials, it offers a series of advantages over other rival products. These include an easy-to-clean surface, anti-bacterial properties and almost zero water absorption.



STAIN RESISTANT & MAINTENANCE FREE

Thanks to its high resistance to stains, A1 EazyDeck is an easy-to-clean outdoor solution. It is also perfect for renovating patios and terraces, without having to worry about its maintenance, since it does not require treatments, and is resistant to sun and rain.



HIGH MECHANICAL & ABRASION RESISTANCE

A product with a very high breaking strength and outstanding resistance to surface abrasion.



DURABILITY & RESISTANCE

TO ULTRA-VIOLET RAYS

A1 EazyDeck is made of top-quality porcelain tile material, guaranteeing a high breaking strength and resistance to ultra-violet rays. These properties make A1 EazyDeck unalterable over time.



COMMITTED TO THE ENVIRONMENT

In the faithful commitment of A1 EazyDeck with the environment, the A1 EazyDeck system is designed to be disassembled, which facilitates the separation of its components to be recycled. The pieces are composed of virgin raw materials and recycled porcelains, favoring waste prevention. In addition, A1 EazyDeck offers itself as a collection point for A1 EazyDeck boards to give them a new life.



CLASS 3-R11 / C ANTI-SLIP PROPERTIES

Porcelain tile material with a high anti-slip grip. Rated CLASS 3 - R11/C.



RESISTANCE TO FROST, ICE

& TEMPERATURE CHANGES

It can also withstand sharp temperature changes: it does not become deformed and neither do the boards expand.



SUITABLE FOR RESIDENTIAL

OR COMMERCIAL AREAS (HIGH TRAFFIC)

A1 EazyDeck decking is suitable for use in areas subject to high pedestrian traffic, thanks to its high abrasion resistance and outstanding technical properties.



REMOVABLE SYSTEM

A1 EazyDeck parts are installed using a customized clip system. This results in a fast and agile installation, thus greatly reducing the execution time of the work.



ACCESSORIES

The wide range of A1 EazyDeck products offers the possibility of combining A1 EazyDeck boards with other elements that solve different technical aspects: steps and copings for skimmer system pools.

THE BOARDS



STANDARD



SQUARE EDGE

NATURAL



STANDARD



EDGE BOARD

MAPLE



STANDARD



EDGE BOARD

OAK



STANDARD



EDGE BOARD

TECA

A1 EAZYDECK PORCELAIN DECKING



STANDARD



EDGE BOARD

GREY



STANDARD



EDGE BOARD

ANTICO

LENGTH: 1217mm

WIDTH: 141mm (147mm module)

THICKNESS: 26mm

WEIGHT PER BOARD: 8.32Kg

WEIGHT PER SQM: 45.76Kg

FIRE CLASSIFICATION: A1fl-s1

Natural, Maple, Oak, Antico, Teca, and Grey are stocked in our UK warehouse.



THE FULL RANGE

A1 EAZYDECK PORCELAIN DECKING

Explore our bespoke range of finishes. Lead times are extended for custom production.

Over 60 bespoke designs to choose from. The bespoke service is unlimited. We can print any very high-res images onto your boards, for a totally customised solution.

Please ask for more information about our bespoke service.

BESPOKE COLLECTION - MARBLES



BESPOKE COLLECTION - EARTH



BESPOKE COLLECTION - METAL



A1 EAZYDECK PORCELAIN DECKING

BESPOKE COLLECTION - URBAN



BESPOKE COLLECTION - STONE



A1 EAZYDECK PORCELAIN DECKING

PROJECT: THE DUMONT - ALBERT EMBANKMENT LOCATION: LONDON, UK MATERIAL: A1 EazyDeck NATURAL





PROJECT: THE DUMONT - ALBERT EMBANKMENT

LOCATION: LONDON, UK

MATERIAL: A1 EazyDeck NATURAL



PROJECTS

NINE ELMS MARKETING SUITE · LONDON · A1 EazyDeck TECA



NINE ELMS MARKETING SUITE · LONDON · A1 EazyDeck TECA



PENTHOUSE BROMPTON RD · LONDON · A1 EazyDeck TECA



PENTHOUSE · CARDIFF BAY · EA1 EazyDeck MAPLE

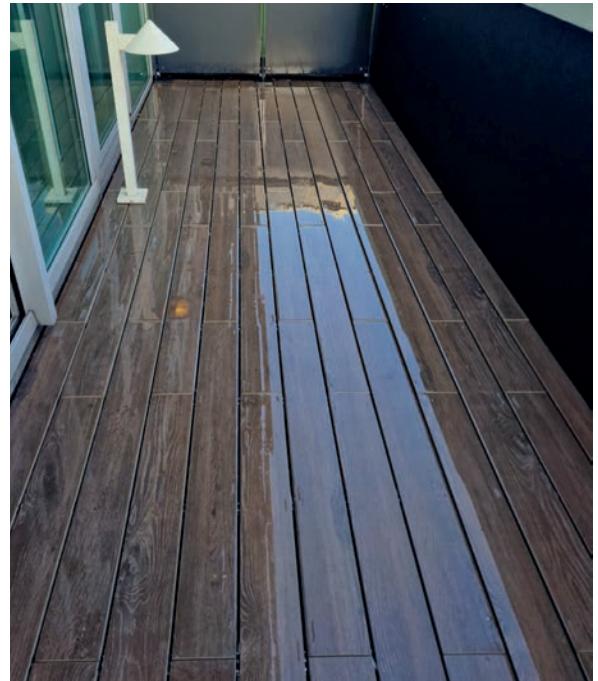


PROJECTS

FINCHLEY (BEFORE) · LONDON · A1 EazyDeck ANTICO



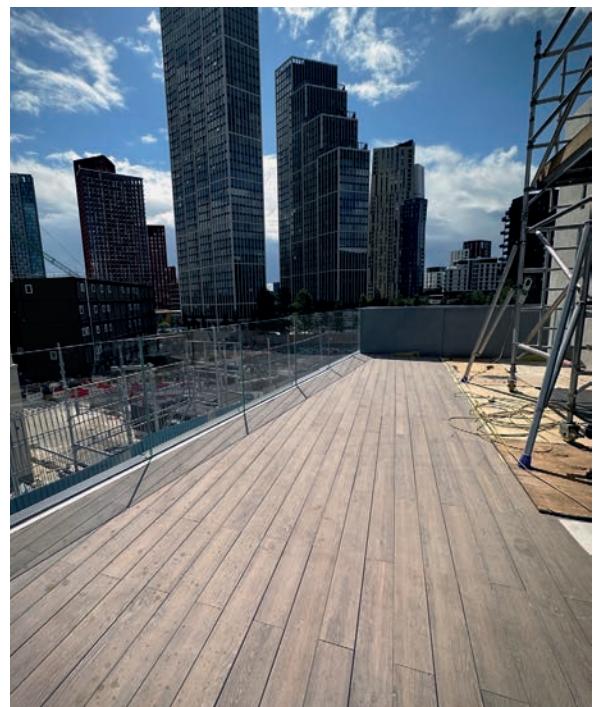
FINCHLEY ((AFTER) · LONDON · EA1 EazyDeck ANTICO



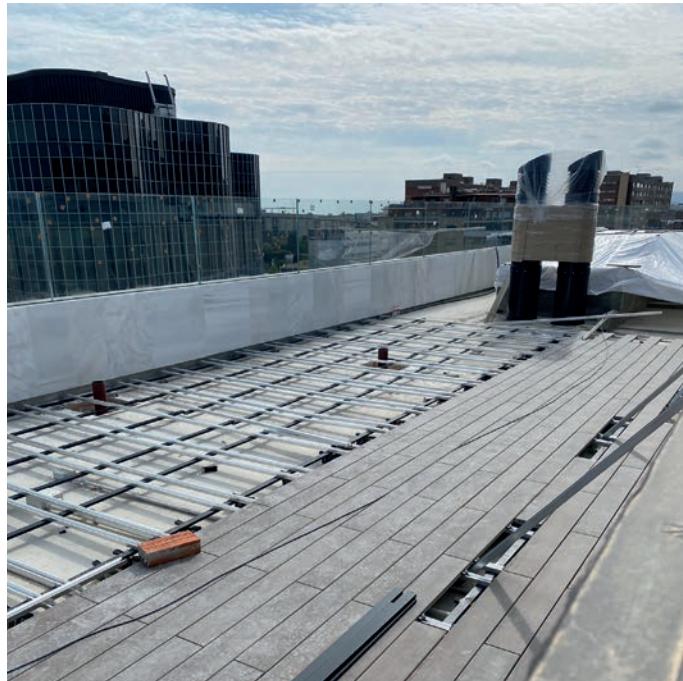
THE DUMONT - ALBERT EMBANKMENT · LONDON · EA1 EazyDeck NATURAL



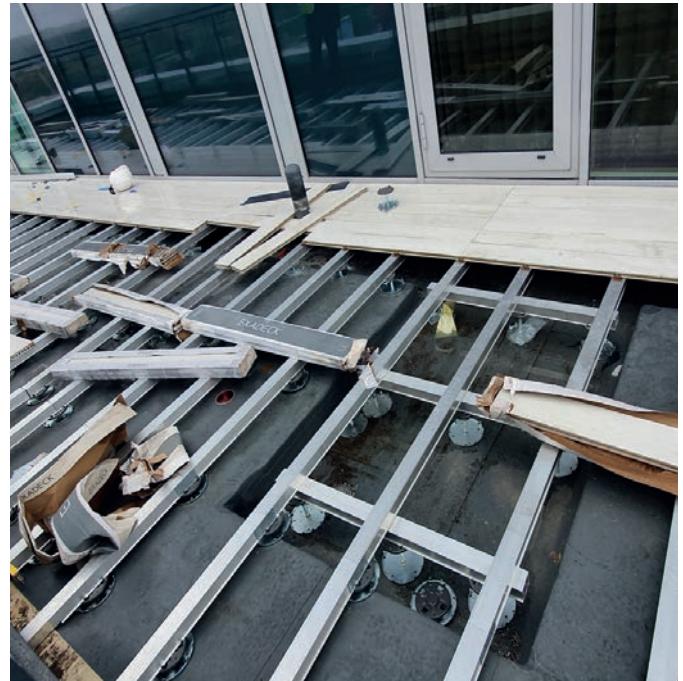
NINE ELMS MARKETING ROOF TERRACE · LONDON · A1 EazyDeck TECA



ROOFTOP · LONDON · A1 EazyDeck TECA



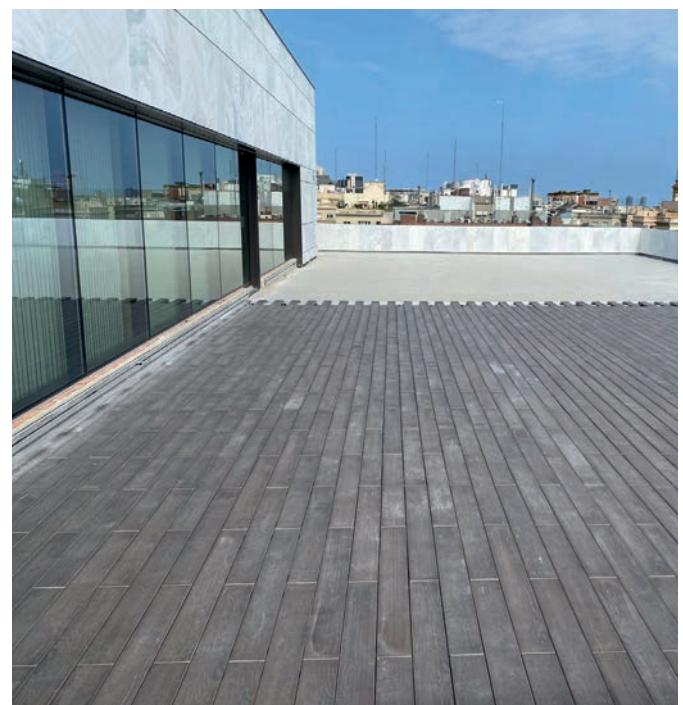
PENTHOUSE · CARDIFF BAY · A1 EazyDeck MAPLE



PRIVATE ROOF TERRACE · CORNWALL · A1 EazyDeck TECA



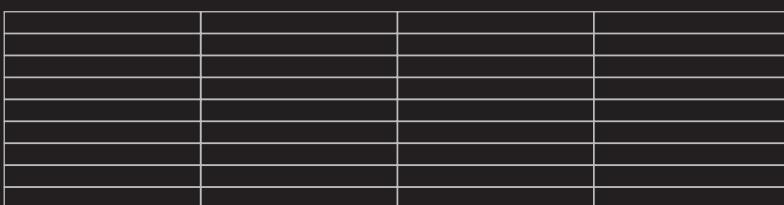
PRIVATE · BARCELONA · A1 EazyDeck ANTICO



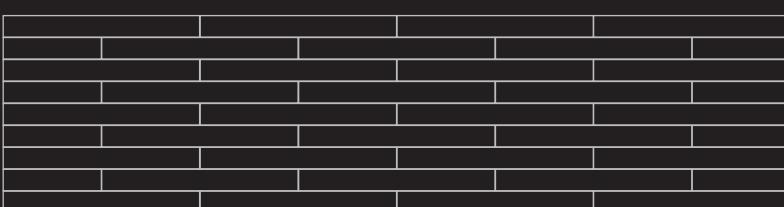
LAYOUTS

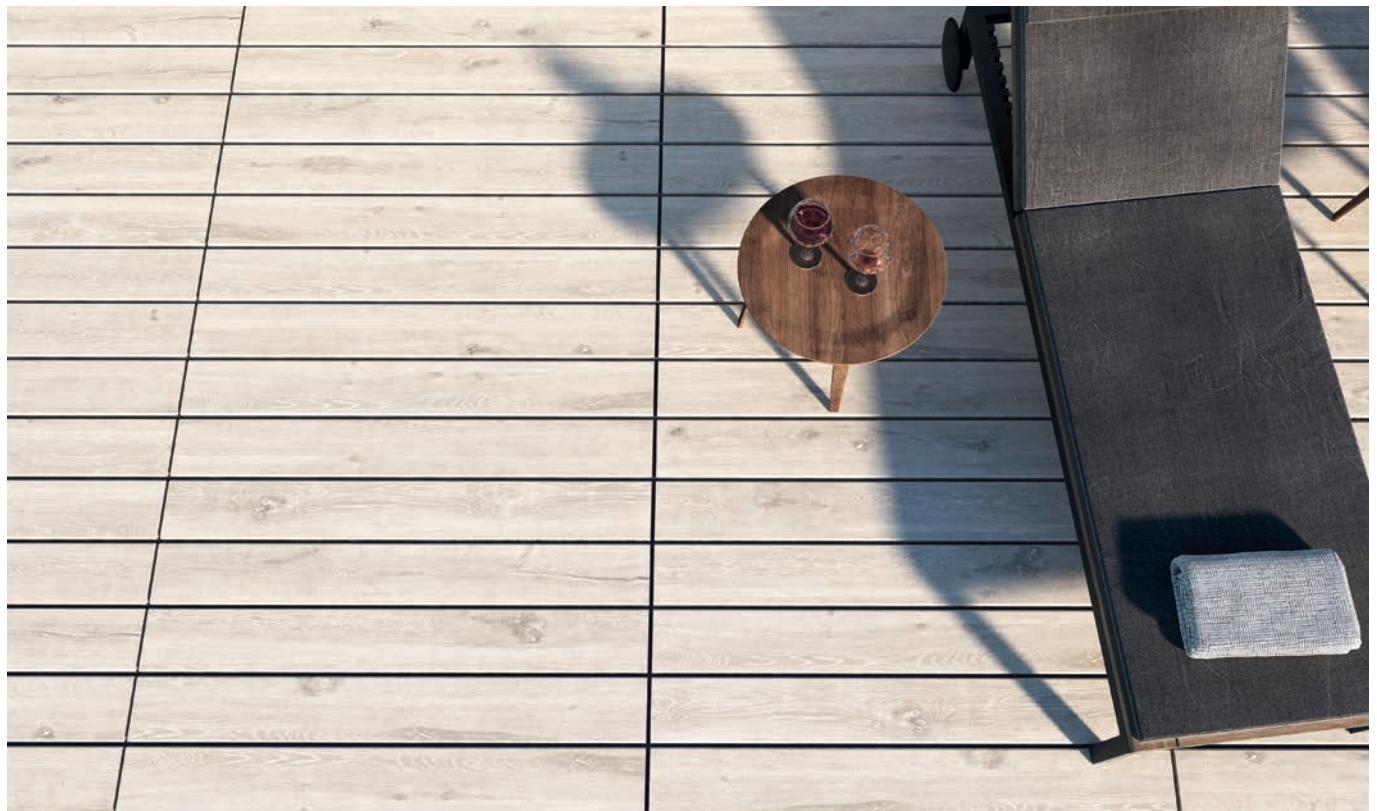
A1 EazyDeck can be laid in different patterns to create varying layouts. The boards can be laid linearly so that their vertical and horizontal joints coincide or in staggered, with a 50% offset so that the short end of each board is aligned with the middle of the adjacent one. A1 EazyDeck boards should never be supported by fewer than 4 battens.

LINEAR LAYOUT



STAGGERED LAYOUT





Linear Layout



Staggered Layout

CLEANING & MAINTENANCE

CLEANING UP NEWLY LAID DECKING

Thanks to their manufacturing process, A1 EazyDeck boards are easy to handle and clean following their installation. Due to worker movements across the worksite and other similar circumstances, the boards may sometimes get dirty during the installation process.

Once all the work is over, the newly laid decking should be cleaned with water and then dried with a clean cloth. In the case of persistent stains, clean the boards again with water and a neutral soap detergent, avoiding abrasive substances.

CARE

A1 EazyDeck extruded porcelain boards are manufactured to guarantee a water absorption rate of less than 0.5%. As a result, dirt will not penetrate the boards and it will remain deposited on the surface.

To clean away this surface dirt, use a pressure hose with water and then dry the surface with a clean cloth. In the case of tougher dirt, clean the boards again with water and a neutral soap detergent.

In fairly or very polluted areas, leading to a high build-up of dirt on the boards, a grease remover diluted in water can be used. Apply the solution to the surface and leave it to act for 4 to 5 minutes. Then scrub the surface with a brush. Lastly, rinse the surface with plenty of water and dry it with a cloth.

With A1 EazyDeck removable decking system, each individual board can be removed to carry out possible maintenance work to the area beneath it.

Although only minimal care is required, the decking system should be cleaned from time to time to conserve its original appearance, hence avoiding costlier maintenance at a later date.

The substrate for the decking must be completely stable, with a slope of at least 5 mm per linear metre (0.5%) in the direction of the battens so that water can drain away. The battens should run in the same direction as the slope of the substrate on which the system is laid to guarantee optimum water drainage.

For ordinary maintenance, there are suitable products specifically for ceramics. In the event of using complementary cleaning methods using brushes or pads, do not use these types of abrasive elements of a different nature under any circumstances.

BMA recommends using Dry Treat cleaning products.

EXTRUSION PROCESS

Extrusion process is a forming technique for the manufacture of ceramic products. Basically this process consists in forcing the passage, through the application of a pressure, of the paste with a plastic consistency through a matrix.

The manufacture of tiles by the extrusion process entails four main phases: kneaded, shaping, drying and firing.

- The kneading consists in the mixing with water of the raw materials previously prepared and ground. This provides an easily extrudable paste.

- In the shaping stage, the plastic mass using vacuum pressure is kneaded and pushed through the nozzle to make tiles. This process is widely used to make special tiles pieces like steps or swimming pool border tiles, ... etc.

- Once the tiles have been shaped, hot air is used to remove the moisture content.

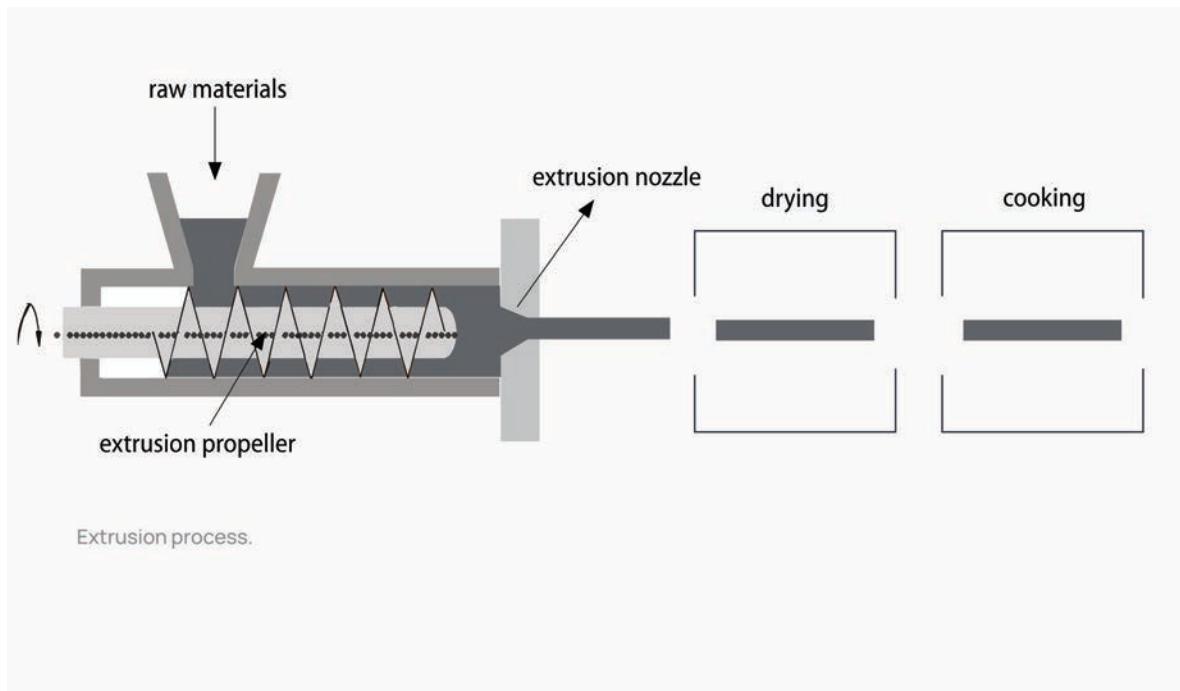
- Afterwards they are fired to high temperatures, to obtain a perfect vitrification.

With this process, the tiles can be recycled completely and up to 45% recycled materials are accepted in their standard process.

The raw materials selected, the careful production process with the most advanced technologies, and the work of our human team mean that the product obtained has exceptional technical characteristics.

In addition, extrusion gives the parts a homogeneous, stable and mechanically resistant internal microstructure.

With this process, three-dimensional geometries can be obtained on the pieces which are impossible to achieve with the traditional compacting process



TECHNICAL DATA

Extruded glazed porcelain stoneware, according to UNE-EN 14441, group Ala

TEST STANDARD	DESCRIPTION	STANDARDS	SERIES
ISO 10545-2	 Dimensions Length and width Thickness Straightness of sides Rectangularity Surface Flatness	$\pm 1,0\%$ $\pm 2,0$ mm $\pm 10\%$ $\pm 0,5\%$ $\pm 1,0\%$ $\pm 0,5\%$	$\pm 0,6\%$ $\pm 2,0$ mm $\pm 5\%$ $\pm 1,2$ mm $\pm 0,5\%$ ± 2 mm $\pm 0,5\%$ $\pm 0,5\%$
ISO 10545-3	 Water absorption	$\leq 0,5\%$	$\leq 0,5\%$
ISO 10545-4	 Breaking strength	≥ 3000 N	≥ 15.000 N
ISO 10545-7	 Resistance to surface abrasion	1-5	5
ISO 10545-9	 Resistance to thermal shock	required	guaranteed
ISO 10545-11	 Crazing resistance	required	guaranteed
ISO 10545-12	 Frost resistance	required	guaranteed
ISO 10545-13	 Chemical resistance	minimum B	A/LA/HA
ISO 10545-14	 Stain resistance	minimum class3	class 5
EN 16165 ANEXO A	 Anti-slip resistance (barefoot ramp test)	-	class C
EN 16165 ANEXO B	 Anti-slip resistance (shod ramp test)	-	R11
EN 16165 ANEXO C	 Slip resistance (pendulum test)	required	class 3

Size	Pieces/box	Kg/box	Boxes/pallet	Kg/pallet
 STANDARD BOARD 14,1x121,7x2,6 cm	2 5,65 pcs/m ²	16,64	52	866
 SQUARE EDGE BOARD 14,1x121,7x2,6 cm	-	-	-	-
 NONSTRUCTURAL ALUMINIUM RAIL 3,5x2,5x220 cm	300 uds/pack	324	-	1,08 kg/ud
 ALUMINIUM PRO RAIL 4x4x220 cm	100 uds/pack	145	-	1445
 * PRO CLIP	100 uds/bag	1,25 kg/bag	8 bags/box	0,0125 kg/pc
 STARTER CLIP 10 MM.	25 uds/box	0,2375	-	0,0095 kg/pc
 ** NOISE CANCELLING FOAM TAPE (ROLL 20M)	5 rolls/box	2,5	-	0,5 kg/pc
 *** NYLON ANCHOR SCREW 6X60	50 pcs/box	0,5 kgs/box	-	0,01 kg/pc

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