

PAPIER41 COLLECTION

NORMA STANDARD	CARATTERISTICHE FEATURES	VALORE PRESCRITTO VALUE REQUIRED	PAPIER41 LUX
ISO 10545/2	DIMENSIONI - SIZE		
	lunghezza e larghezza length and width	± 0,6 %	± 0,6 %
	spessore thickness	± 5 %	± 5 %
	rettilineità degli spigoli straightness of edges	± 0,5 %	± 0,3 %
	ortogonalità wedging	± 0,6 %	± 0,3 %
	planarità flatness	± 0,5 %	± 0,5 %
ISO 10545/3	assorbimento d'acqua water absorption	<0,5 %	0,3 %
ASTM C373	water absorption	<0,5 %	meets the standards
ISO 10545/14	resistenza alle macchie stain resistance	≥ CLASSE 3	3
ASTM C1378	stain resistance	≥ CLASSE 3	≥ 3
ISO 10545/4	resistenza alla flessione breaking strength	≥ 35 N/ mm ²	45 N/ mm ²
ASTM C372	linear thermal expansion	not required	$\dot{\alpha}_t \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ $\dot{\alpha}_t \leq 4,4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1}$
ASTM C482	bond resistance	≥ 50 PSI	compliant

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INTENDED USE

Panels decorated with innovative patterns designed exclusively for covering interior walls. Any small imperfections are characteristic of the product due to the production process. This innovative decorative technique improves the definition and depth of colours and has lesser surface abrasion resistance than traditional porcelain stoneware. For this reason, it is necessary to follow the instructions given below and also in catalogues and on packaging.

GENERAL INFORMATION

PAPIER41 is a selection of patterns on 3.5 mm thick porcelain stoneware, and in 50x100 cm format with fibreglass backing. Each panel features a pattern that continues from piece to piece with a 1 mm joint. The panels have a standard tolerance of 0.4 tenths of a mm per side that on the 100 diagonal can become 1.6 mm, so before laying, spread the various panels on the ground to check the pattern's continuity.

HANDLING

Do not use suction cups. Avoid contact with abrasive materials and rubbing against other plates or worktops. Do not place tools or other materials which could damage the product, on the surface.

CUTTING INSTRUCTIONS

Working on a flat and clean surface is essential. Pay the utmost attention during this operation not to damage the plates by having them hit against sharp objects. The material can be cut and drilled using machines and tools usually used for traditional porcelain stoneware; do not use an angle grinder to cut the plates.

CUTTING:

To get a good result on the plates to be cut, never take the blade away from the plate during the whole operation, cutting it once only. After the incision it is enough to bend the plate to divide it into two pieces and cut the fibre glass with a cutter. Once this operation is done, use an abrasive sponge moving it from top to bottom to remove the film that protects the product's graphics from the cut edges.

DRILLING AND BREAKING:

Only use a diamond-tipped tile cutter. Once this operation is done, smooth the cut edges with a diamond sponge to ensure that the protective film, that protects the product's graphics and does not allow moisture and external agents to settle between the protective layer and the graphics, goes back to adhering to the cut area.

LAYING

DO NOT USE LEVELLING SPACERS AT ALL.

Our decorated plates ensure graphic continuity through a 1 mm joint. As the material is very thin, the wall must be straight. Never start from the ground but leave 4 mm from the bottom, levelling the material and the graphics; this trick can also be useful if needed to mate the patterns, as more often than not the floors are not perfectly flat.

GROUTING

We only recommend the use of cementitious sealants and plastic spatulas, taking care to clean any grout residues before hardening with water and non-abrasive sponge to avoid damaging the plate's surface. Do not use acetic silicone-based products for sealing window frames, showers or sanitaryware to the ceramic surface; use neutral silicones as an alternative, protecting the tile surface beforehand with masking tape. If you use masking tape to protect the material during grouting (only use this type of adhesive tape) near the cut edges, take the utmost care and delicacy when removing it.

DAILY CLEANING

Use neutral detergents and/or water, cleaning with a microfibre cloth or soft sponge. Acidic anti-limescale products can be used if the surface is rinsed with water straight after application. Do not use solvents (alcohol and the like) or abrasive sponges or scratchy elements.