Luce

RAK

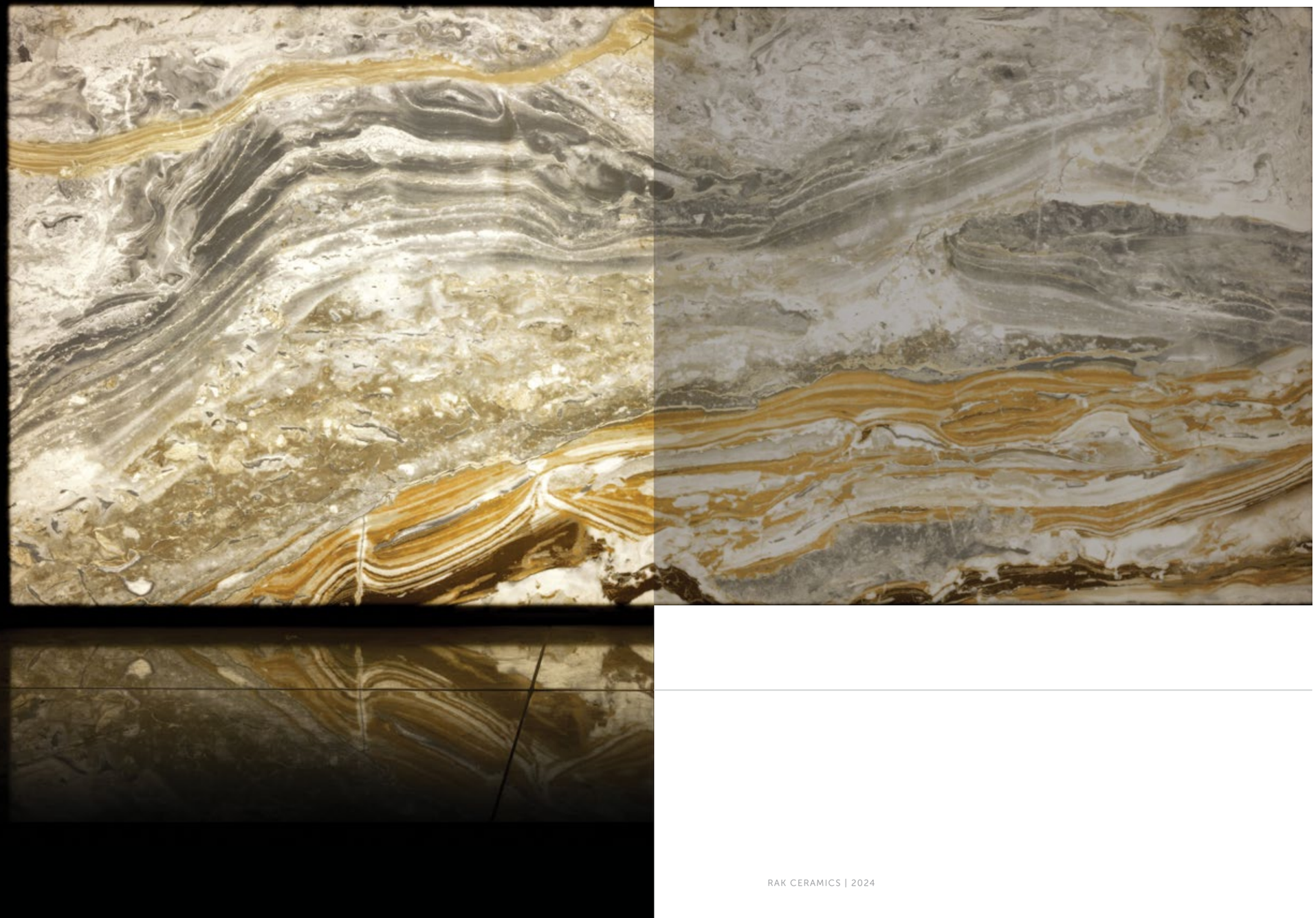
CERAMICS

LUCE

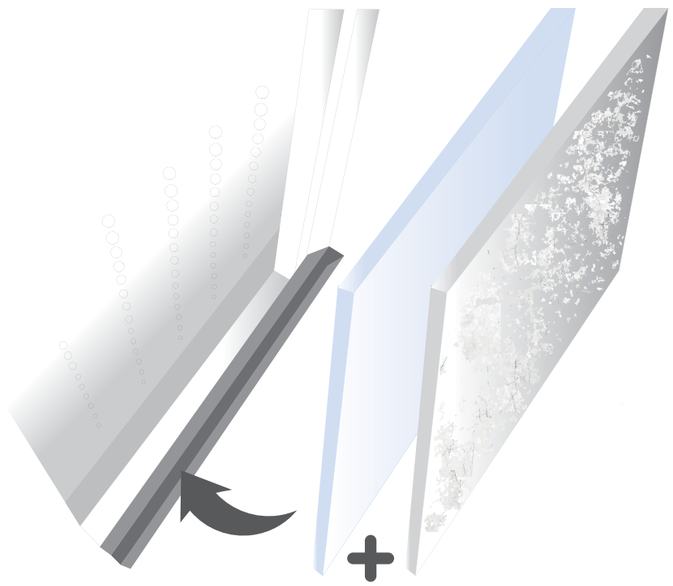
Light becomes a design tool in the hands of the designer and through elegant surfaces contributes to enrich special environments, making them magical.
This is what makes the Luce slabs a stunning centerpiece for your design concept and amaze when enhanced with backlighting technology. An absolute novelty that will inspire your creativity.
5 different graphics and colors in marble and onyx effect, that replicate the natural ability of the stones to filter the light.
Hotels, restaurants, offices, shops and sophisticated residential environments.
Light up your projects with Luce.

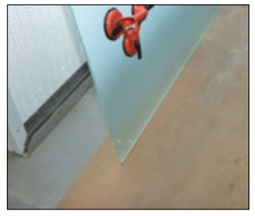
ON

OFF

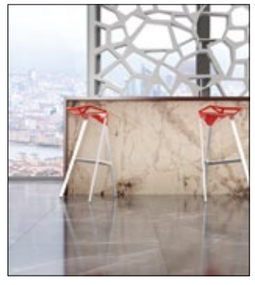


INSTALLATION SUGGESTIONS AND RECOMMENDATIONS





1. Create a niche in the wall in order to have an empty space to allocate the LED strip light or the light box.
2. We recommend to use a neutral LED COLOR (3600K-5500K) and to fix the LED strips vertically or horizontally, covering the full space of the
   niche, in order to avoid dark areas and to get a homogeneous light.
3. Deeply clean the back of the slabs before the installation in order to avoid seeing any shadow.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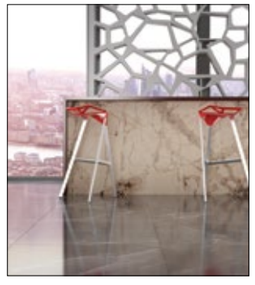
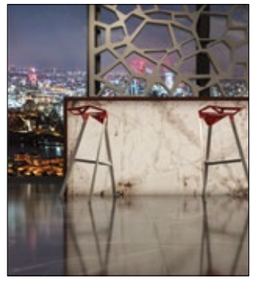

12.00 PM

5.00 PM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HOW TO FIX THE SLABS:

1. DIRECTLY ON LED

We recommend this option only in the case of the installation of a single slab or a cut piece.

- Fix the led strip lights on a white wall.
- Keep a gap of 4-6 cm between the LED strips and the slab in order to avoid seeing the dots of the LED strip light through the slab.
- Fix the slab on the perimeter of the frame of the niche
- Use a transparent adhesive according to the specifications indicated in the technical data sheet of the chosen adhesive.
- Do not spread the adhesive in the central area of the slab.
- Fix a frame or profile on the perimeter of the slab (top, down, left and right at your choice), in order to secure the slab and to cover the shadows of the adhesive if visible.

2. ON A TRANSPARENT HARD SURFACE (GLASS, THICK PLEXIGLASS OR LIGHT BOX)

We recommend this option in case of the installation of multiple slabs or cut pieces in order to avoid bending or visible interruptions. We also recommend this option when you need to install a single slab in a more stable and secure way.

- Fix the LED strip lights or the light box on a white wall.
- If you chose the led strip option, fix the glass, or the Plexiglas surface at a minimum distance of 2-4 cm from the LED strip lights in order to avoid seeing the dots of the LED strip through the slab.
- Deeply clean the glass, or the Plexiglas, or the light box surface before the application of the adhesive.
- Use a transparent adhesive according to the specifications indicated in the technical data sheet of the chosen adhesive.
- Evenly spread the adhesive on the back of the slab by using a spatula in order to get a homogeneous layer of adhesive. Do not use rolls or other tools in order not to have a visible layer of adhesive.
- Fix a frame or profile on the perimeter of the slab (top, down, left and right at your choice), in order to secure the slabs.

LUCE, A SUPERIOR PRODUCT:

The translucid body of Luce is made with a very high purity of raw materials containing special and high quality clays and feldspars.

As the body is pure white, the ink development is more advanced than other products.

Luce has a lower kiln cycle and temperature than conventional porcelain products.

When illuminated, Luce's special body gives a soft glow and really transforms the design from a plain tile to a soft natural marble.

Luce Marble White

Luce Onyx Arco Red

Luce Marble White

Luce Marble White

LUCE

PORCELAIN TILES

POLISHED • RECTIFIED • SMOOTH

120x280 cm
47.24”x110.23”

6 mm
0.23”

INNOTECH

RAK CERAMICS LAB

Name	Code	Size(CM)
LUCE MARBLE WHITE	A82GLUCE-MAR.N0X6P	120x280
LUCE ONYX ARCO RED	A82GLUCE-OAR.N0X6P	120x280
LUCE ONYX HARLEQUIN	**A82GLUCE-OHN.N0X6P**	120x280
LUCE ONYX IVORY	**A82GLUCE-OIV.N0X6P**	120x280
LUCE ONYX WHITE	**A82GLUCE-ONY.N0X6P**	120x280

PACKAGING

Sizes (cm)	Thickness (mm)	Pz / Kg	M² / Pz	Pz X	M² X	kg X	Dimentions (cm) Length	Height	Width
120x280	6	66	3.36	20	67.2	1383	287	37	133

LUCE ONYX WHITE

LUCE ONYX IVORY

LUCE ONYX HARLEQUIN

LUCE ONYX ARCO RED

LUCE MARBLE WHITE

TECHNICAL SPECIFICATIONS - PORCELAIN TILES (NATURAL)

TEST DESCRIPTION	STANDARD TEST METHOD	STANDARD REQUIREMENTS	RAK CERAMICS SPECIFICATION
Surface Quality	BS EN ISO 10545-2	a minimum of 95% of the tiles are to be free from visible defects	Minimum of 95% of the tiles are free from visible defects
Length & Width	BS EN ISO 10545-2	± 1.0mm	± 0.1mm
Thickness	BS EN ISO 10545-2	± 0.5mm	± 0.5mm
Straightness Of Sides	BS EN ISO 10545-2	± 0.8mm	± 0.8mm
Rectangularity	BS EN ISO 10545-2	± 1.5mm	± 1.2mm
Surface Flatness: Centre Curvature	BS EN ISO 10545-2	± 1.8mm	± 1.8mm
Surface Flatness: Edge Curvature	BS EN ISO 10545-2	± 1.8mm	± 1.5mm
Surface Flatness: Warpage	BS EN ISO 10545-2	± 1.8mm	± 1.5mm
Water Absorption	BS EN ISO 10545-3	≤ 0.5%	≤ 0.4%
Breaking Strength*	BS EN ISO 10545-4	≥ 700 N	≥ 700 N
Modulus Of Rupture*	BS EN ISO 10545-4	≥ 35 N/mm^2	≥ 35 N/mm^2
Resistance To Surface Abrasion	BS EN ISO 10545-7	Report abrasion class	PEI CLASS 2-4
Coefficient Of Linear Thermal Expansion	BS EN ISO 10545-8	Test method available	≤ 7 X $10^{-6}/°C$
Resistance To Thermal Shock	BS EN ISO 10545-9	Test method available	No visible defect
Crazing Resistance	BS EN ISO 10545-11	Required	No crazing
Frost Resistance	BS EN ISO 10545-12	Required	No visible damage
Resistance To Household Chemicals & Swimming Pool Salts	BS EN ISO 10545-13	Minimum Class B	Class A No visible effect
Resistance To Low Concentrations Acids & Alkalis	BE EN ISO 10545-13	Manufacturer to state classification	Class LA No visible effect
Resistance To Staining	BS EN ISO 10545-14	Minimum Class 3	Min. Class 4 Stains removed

Note: This technical specifications are applicable only to tiles in choice "A".

* Test performed using 60X60 cm cut pieces from the slab.
* Thickness is nominal

PALLET DIMENSIONS - 120x280 CM (6 MM THICKNESS)

Horizontal Pallet

Finish	Length (cm)	Height (cm)	Width (cm)
Polished	287	37	133

PACKING - 120x280 CM (6 MM THICKNESS)

Finish	TILE SIZE (CM)	TILE AREA (sqm)	KG per pc	PCS per pallet	TILE AREA per pallet (sqm)	WEIGHT per pallet (kg) Horizontal Pallet
Polished	120x280	3.36	66	20	67.2	1383

Note: All weights and thickness mentioned in the above table are approximate average.

ICONS

COLOUR VARIATIONS

V3
MEDIUM

INDICATIONS FOR USE

WALL TILES

SUGGESTED APPLICATIONS

DOMESTIC PURPOSE

LIGHT COMMERCIAL TRAFFIC AREA

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