



Nature  
Stone  
Center

Translucent Stone Veneer

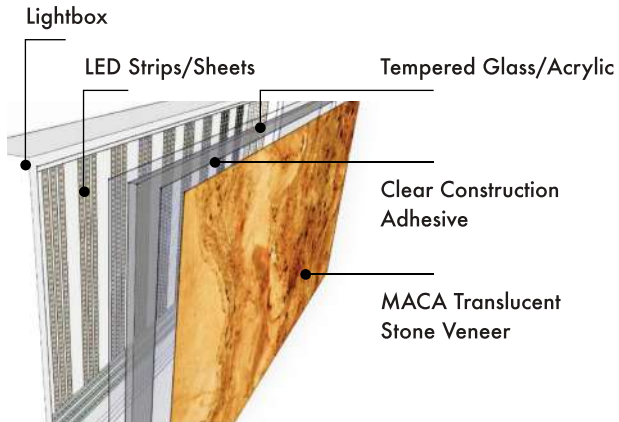
# Installation Instructions

LIGHTBOX &  
MACA TRANSLUCENT STONE  
INSTALLATION



## LIGHTBOX INSTALLATION RECOMMENDATIONS

### (STEP A)



Lightbox Diagram

MACA translucent stone veneer is elegantly designed to be translucent, artfully allowing light to filter through, creating a captivating ambiance. To achieve this effect, our product must be applied to a base layer of acrylic, plexiglass, lexan sheet, or tempered glass.

*Please note: We do not provide materials or installation services for the lightbox.*

### Lightbox Setup

- 1 Install the LED lighting on the substrate or the base of the lightbox to provide illumination. (You can skip this step if you prefer to use natural light as the light source.)

#### LED Selection Guidelines:

- **Standard LED** emits focused, bright light, ideal for highlighting details but may cause glare.
- **Diffuse LED Lighting** provides a softer, uniform glow, perfect for gentle overall illumination on translucent stone veneer.
- A recommended approach for achieving a flexible and adjustable lighting effect is to use an adjustable LED.

- 2 Properly connect the LEDs to ensure their functionality with the power source.

#### Light Source Distance Recommendations:

The distance between the light source and the base layer is crucial for optimal lighting effect.

- **For Standard LED:** Maintain a minimum 6" distance.
- **For Diffuse LED Lighting:** At least 2" based on light output.

- 3 Install the base layer on the lightbox.

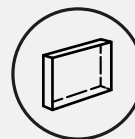
#### Base Layer Installation:

As our translucent natural stone veneer is lightweight and flexible, a base layer is needed. You can use acrylic, plexiglass, lexan sheet, or tempered glass as the base layer.

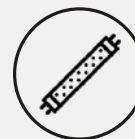


### Lightbox Installation Materials

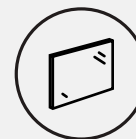
Note: MACA STONE does not provide these items



Lightbox/wall



Led



Base layer



Power

## MACA TRANSLUCENT STONE VENEER INSTALLATION RECOMMENDATIONS (STEP B)

### 1 Unboxing Preparation

Take the products out of the box and place them flat on the safe area. Some flaking on the stone surface is normal during unboxing and installation. For the best outcome, do a layout test before installing. This test helps figure out where each stone sheet fits best, so you can make any needed adjustments.

\*If the products are coming rolled up, placing them under direct sunlight for a few hours before unrolling will expedite the flattening process. (Alternatively, a heat gun may be needed.)



### 2 Measurement and Marking

Measure the desired size on the veneers and mark where you need to make cuts.



### 3 Cutting with Precision

Use a circular saw or track saw to cut the sheets to your desired dimensions.



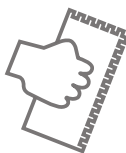
### 4 Surface Preparation

Ensure the base layer where you intend to apply MACA translucent stone veneers is clean. Remove dust and ensure there are no significant bumps on the surface.



### 5 Adhesive Application

Apply clear construction adhesive to the back of the veneers or the base layer's surfaces. For a uniform bond, applying the adhesive using the back buttering technique is advised.



### 6 Enhancing Adhesion

Use a pressure roller to enhance the adhesion of the translucent stone veneers to the base layer.



### 7 Curing Time

Allow it to cure for up to 24 hours; it may take longer, depending on the adhesive used and the temperature of the installation environment.



### 8 Installation Complete

Installation of translucent stone veneers is finished, offering your space a natural, luminous effect. Enjoy the interplay of light and natural stone in your environment!



## Translucent Stone Veneers Installation Tools

**Saw** Use a circular saw or track saw for cutting.

**Adhesive** Use clear construction adhesive.  
Rec.: Soudal®-Fix ALL Crystal Clear Bonding Sealant

**Others** Measure tool, Pen/pencil, Pressure roller.



Saw



Adhesive



Measure



Pencil

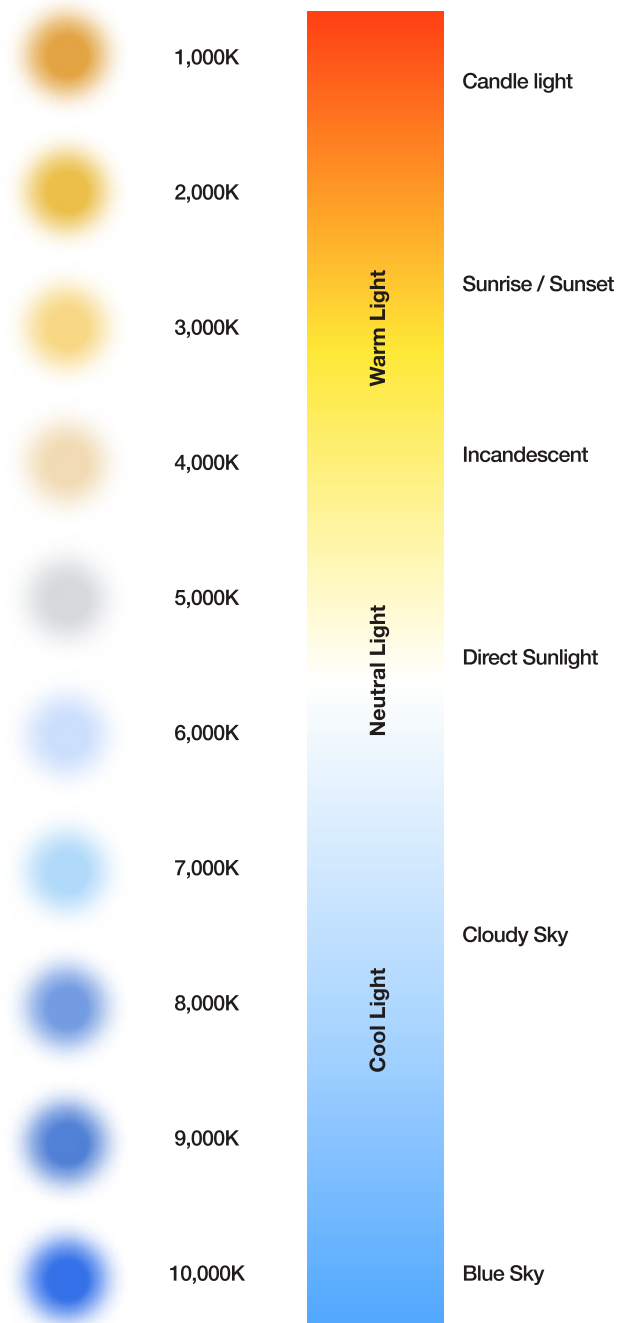


Roller

# LED COLOR GUIDELINES

LED Example

Color Temperature Scale



## Translucent Stone Panel Effects: Lighting Comparison

Warm Light: 2,700K



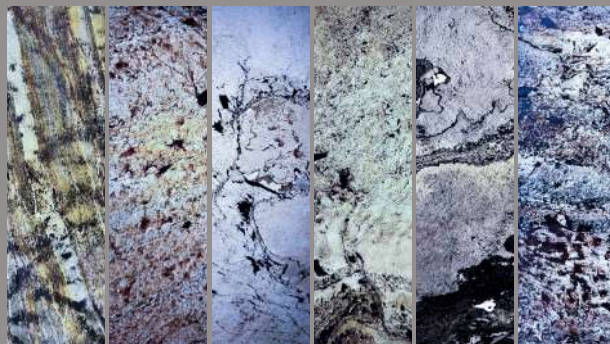
Surya Bodhi Prana Punya Tathastu Maya

Bright White: 4,000K



Surya Bodhi Prana Punya Tathastu Maya

Daylight: 6,000K



Surya Bodhi Prana Punya Tathastu Maya