

# Installation Guide

Perforate™ Wall System

# ANDALUSIA DESIGN

Andalusia Design is a manufacturer of specialty ceiling, wall and space divider solutions. We combine the power of parametric design with best-in-class digital fabrication capabilities to deliver high-design architectural systems with unparalleled speed and efficiency. We have a large showroom and vertically-integrated manufacturing facility in Austin, TX, USA.

## PERFORATE

Andalusia Design's Perforate system is a parametrically-designed, highly-configurable solution for your feature wall and ceiling system designs.

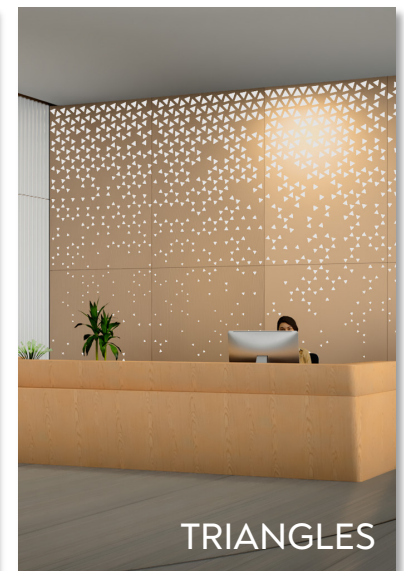
Driven by Andalusia's parametric design engine and in-house digital fabrication, Perforate is ideal for brand-forward, high-traffic areas across a variety of commercial and hospitality applications.

## CONFIGURATIONS

Andalusia's parametric design software allows you to modify your surface designs in real-time.

Key parameters to think about during the design phase:

- Surface Design: Choose from a variety of Styles or create your own custom version
- Mounting Method: Wall, ceiling or wall-to-ceiling
- Material Type: Aluminum, steel of varying thicknesses
- Material Finish: Powder-coat, raw aluminum
- Pricing: A variety of perforation options allow you to balance pricing and aesthetic





## INSTALLATION OVERVIEW

Andalusia's drop-and-lock Perforate wall panels deliver fast, contractor-friendly installs

Panels install on the wall with a drop-and-lock rail system – the rails and the panels are provided by Andalusia.

Backlighting mounts to the wall between the rails; all lighting pans are provided with defined wire paths and driver hardware

PET felt and infill options are available

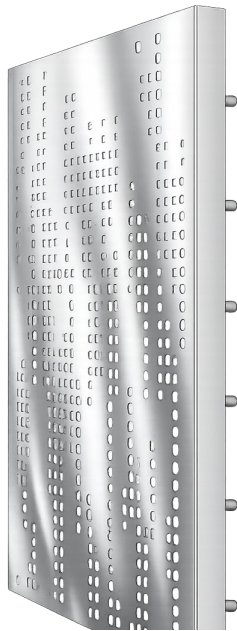
Panels remain fully removable for wall access and future maintenance



## INSTALLATION HARDWARE

Andalusia provides individually-numbered tiles with tabs for drop-and-lock to the mounting rails. We also provide the mounting rails and any associated components. We will work with the contractor on blocking requirements at the time of shops.

### HARDWARE PROVIDED BY ANDALUSIA

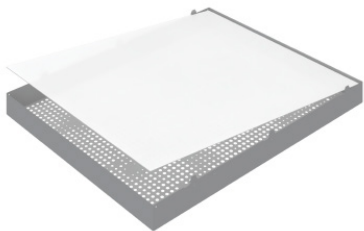


Wall Tiles (sizes vary;  
individually-numbered)

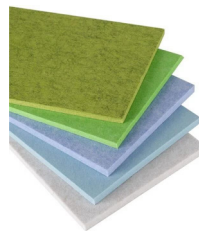


Mounting rails

### OTHER COMPONENTS (varies by application)



Acrylic panels are  
provided cut to size and  
can be pre-installed for  
many backlighting  
applications

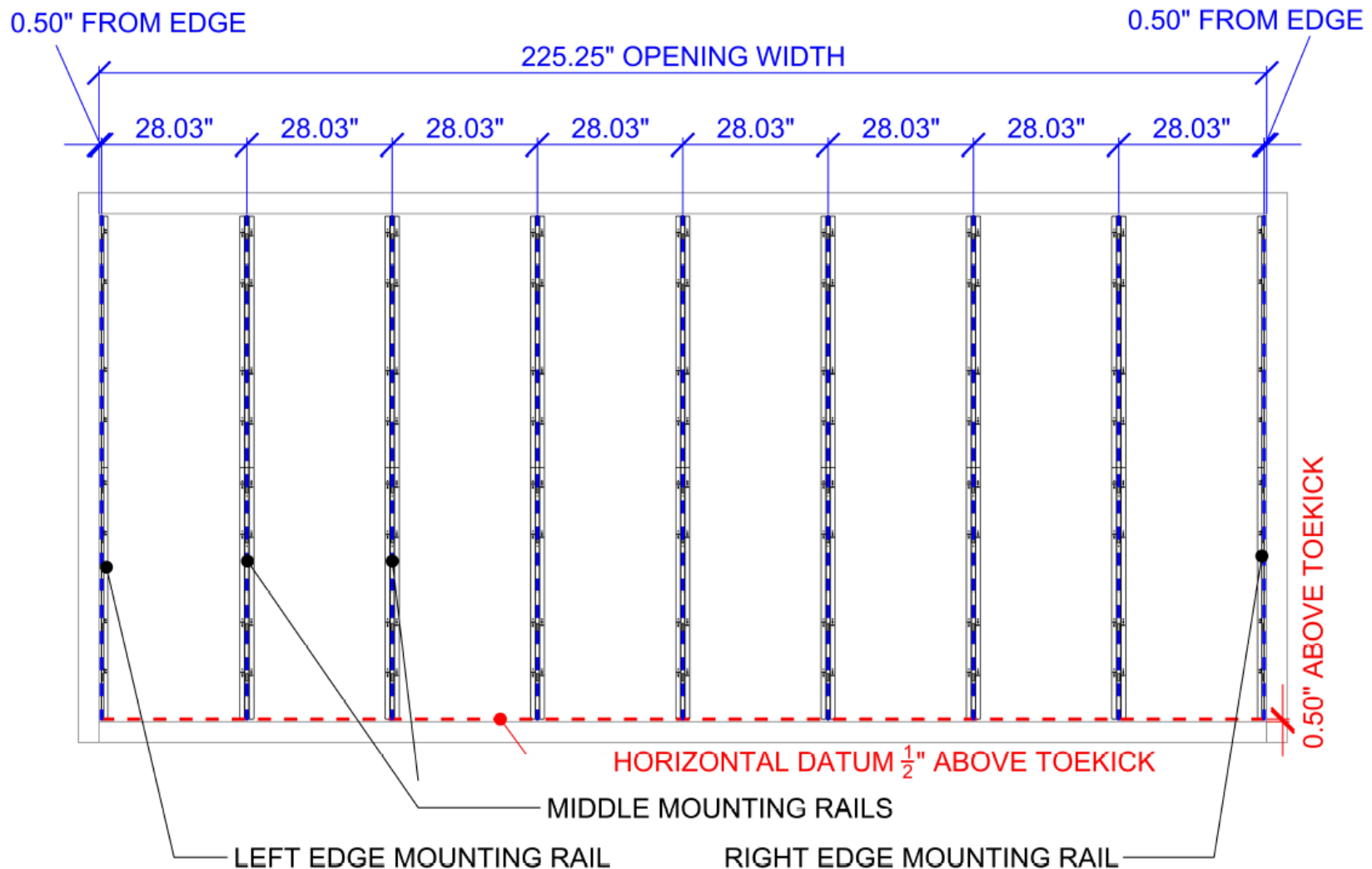


Felt panels are  
provided cut to size  
and pre-installed for  
many acoustic  
applications

## INSTALLATING THE MOUNTING SYSTEM

Andalusia will provide the schematic for where the mounting rails and associated blocking need to be located at the time of shop drawings.

Contractor will apply fasteners thru pre-existing holes in the rails to the substrate.



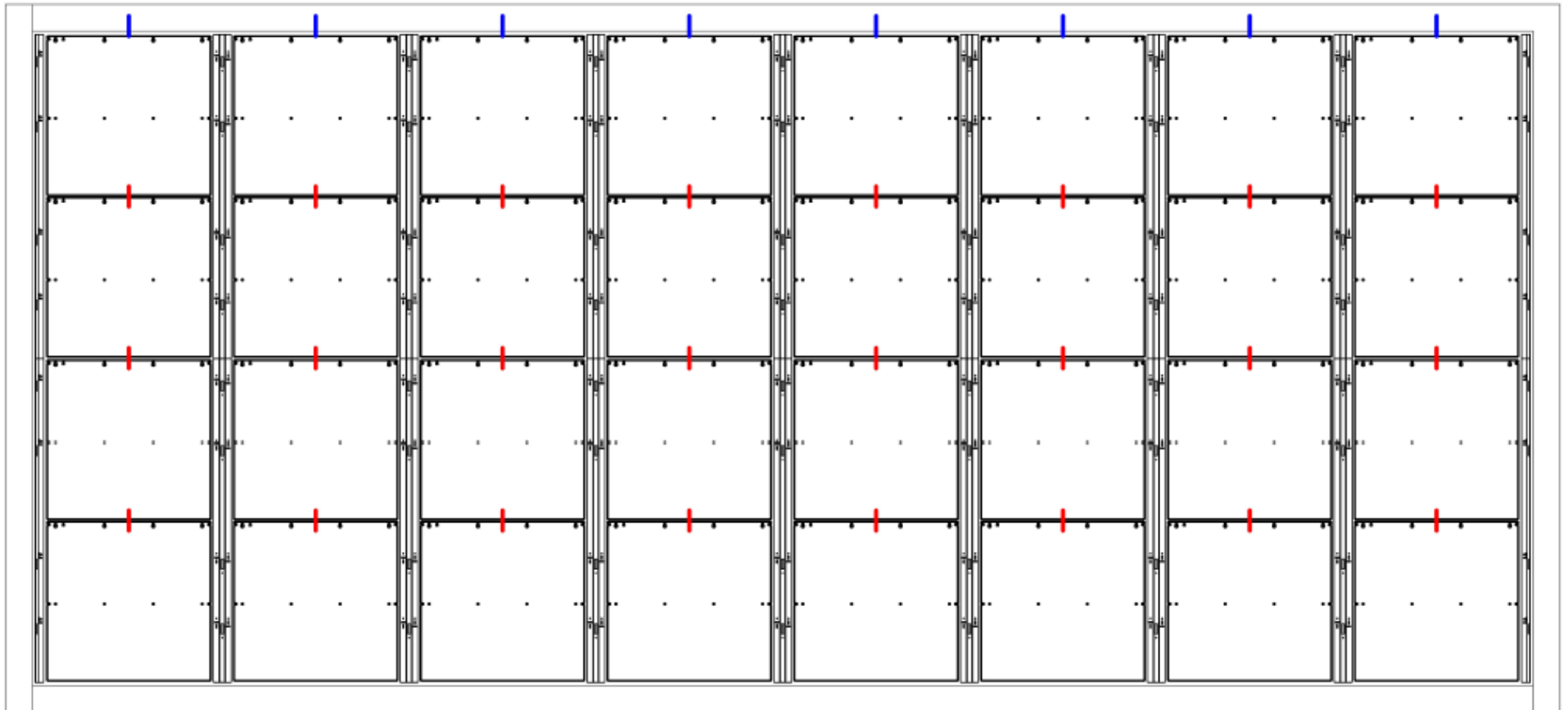
## INSTALLATING THE LIGHTING PANS (\*if applicable)

Lighting pans will install to the wall between mounting rails.

Lighting pans come with pre-drilled holes for fastening to wall substrate.

Each lighting pan comes pre-wired. The pans in each column will be connected using jumper wires. The lead wire will connect to power supply.

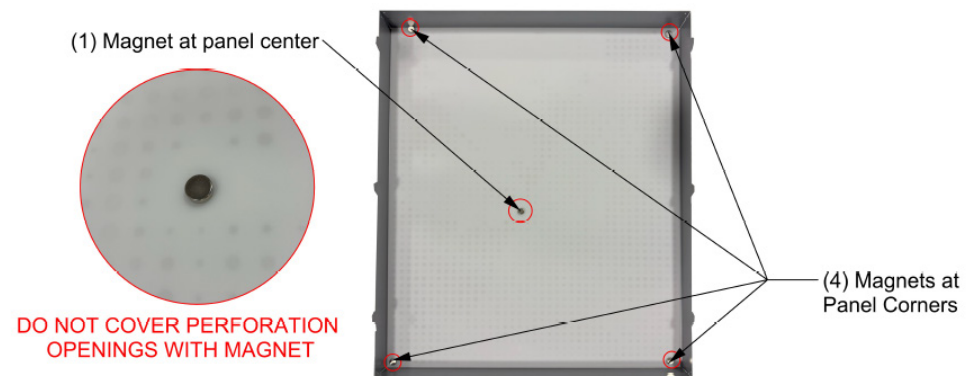
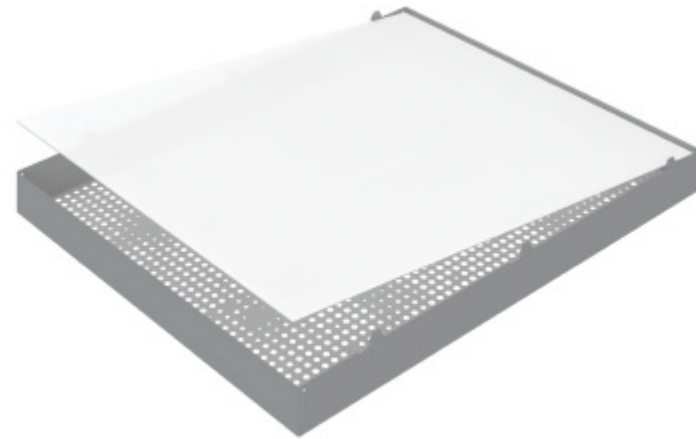
Andalusia will provide the final diagrams and schematics at time of install.



## INSTALLATING THE DIFFUSER OR FELT (\*if applicable)

PET felt or acoustic infill will be pre-installed to Perforate panels. We will provide guidance on additional adhesion in-field to help secure the felt.

Acrylic diffusers will either be shipped embedded in its correct panel or will be installed onsite using adhesives or magnets, depending on site conditions and material.



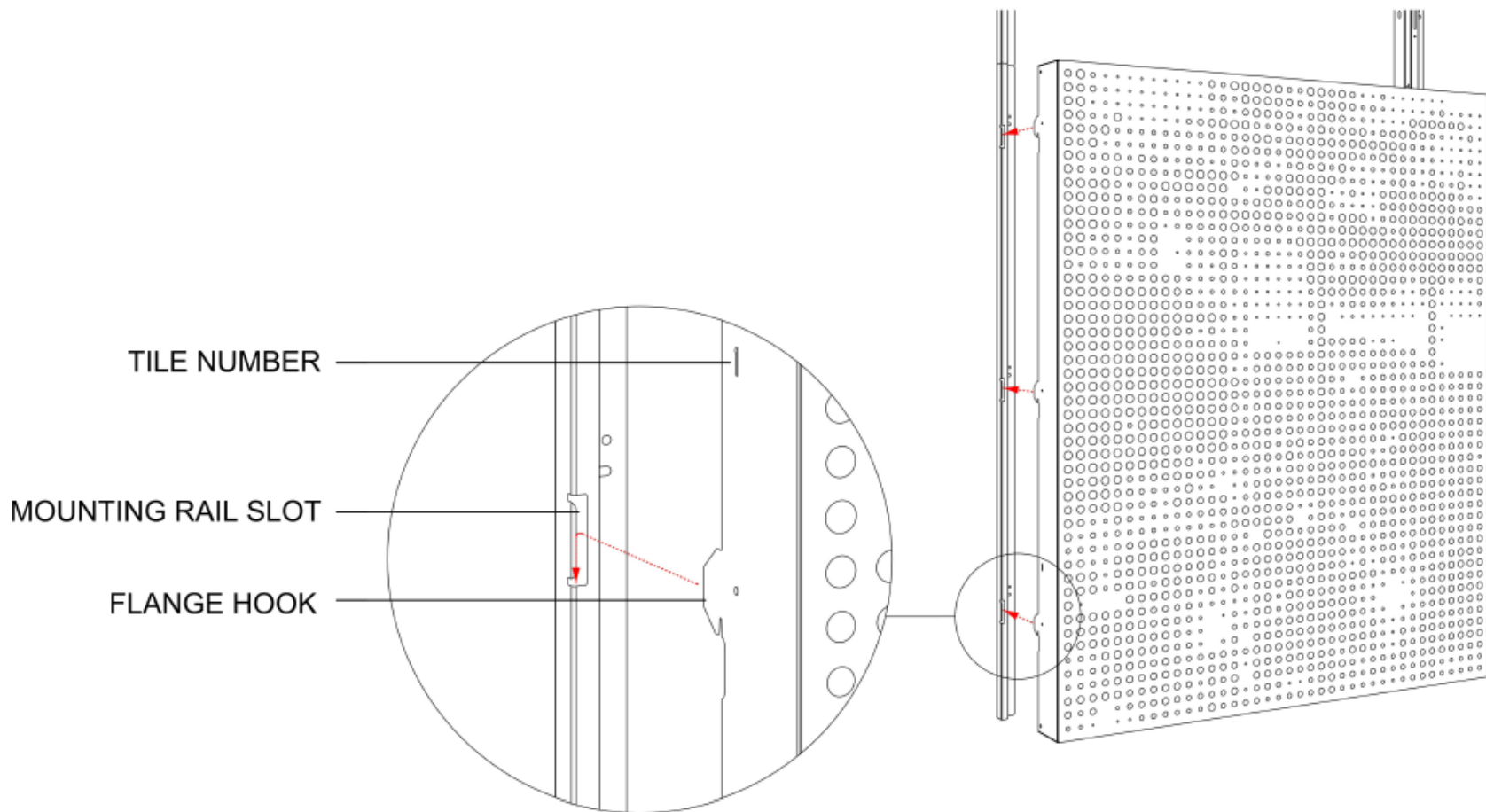
## TILE INSTALLATION

Each Perforate wall tile is individually numbered on the flange

Lift the tile and insert the Flange Hooks into the Mounting Rail Slots

Lower the tile until the tile falls into place

Continue installing in ascending order





# MAINTENANCE AND CARE GUIDE

Andalusia Perforate panels are designed to be both durable and visually striking, offering a perfect balance of functionality and aesthetic appeal. Proper care and maintenance will ensure their longevity and preserve their appearance for years to come. This guide provides essential tips and recommendations for maintaining your panels.

- **General Maintenance**
  - **Cleaning Frequency:** Clean the panels at least twice a year or as needed depending on environmental conditions. In high-traffic or outdoor areas, more frequent cleaning may be necessary.
  - **Regular Dusting:** Use a soft, dry microfiber cloth or a feather duster to remove dust and debris from the surface.
  - **Periodic Wiping:** Wipe the panels with a damp cloth or sponge soaked in a mild detergent. Avoid abrasive materials.
  - **Thorough Rinsing:** After cleaning, rinse the panels with clean water to remove any soap residue.
  - **Drying:** Use a clean, dry cloth to wipe off excess water. Allow the panels to air dry completely if located outdoors.
- **Stain Removal**
  - **Mild Stains:** Use a diluted solution of mild dish soap and water. Gently scrub the stain using a soft sponge or cloth.
  - **Tough Stains:** For oil, grease, or other stubborn marks, use a non-abrasive cleaner or degreaser approved for powder-coated finishes.
  - **Do Not Use:** Harsh chemicals such as acetone, paint thinners, or strong solvents, as they can damage the powder coating.
- **Avoiding Damage**
  - **Sharp Objects:** Avoid using sharp tools or abrasive cleaning pads that can scratch the surface.
  - **Excessive Force:** Do not apply excessive pressure during cleaning, which could lead to surface damage.
  - **Environmental Exposure:** Minimize prolonged exposure to direct sunlight and harsh environmental conditions to maintain the coating's vibrancy.
  - **Chemical Spills:** Wipe up any chemical spills immediately with a damp cloth to prevent potential staining or damage.
- **Inspection and Repairs**
  - **Routine Inspections:** Inspect the panels periodically for signs of wear, such as chips, scratches, or discoloration.
  - **Touch-Up Paint:** Use manufacturer-approved touch-up paint for small chips or scratches.
  - **Professional Refinishing:** For extensive damage, consult a professional for refinishing or re-coating services.
- **Warranty Information**
  - Andalusia Design provides a limited warranty on all Perforate powder-coated wall panels. Adherence to this maintenance guide is necessary to maintain warranty coverage. For full warranty details, please contact our customer service team.

# Need Assistance on your next Project?

**GFF**design

Contact us at  
[hello@andalusia.design](mailto:hello@andalusia.design)