LANDMARK STONE

Architectural Panels

Landmark Stone introduces the light wieght concrete panel for architectural application. These panels give the flexibility to be used both on interior and exterior walls for an endless possiblity of creativity with architects, designers and builders. Landmark Stone panels are cast with our team of craftsman with the highest quality and attention to detail to provide a lasting product for years to come.

4831 SKYWAY DR., OLIVEHURST, CA. 95961 WWW.LMPRECAST.COM

ARCHITECTURAL USE:

BENEFITS & ADVANTAGES

- Lightweight 1/2" thick panels
- Non combustible
- Resistant to Ultraviolet Rays
- Easy installation
- Integral color throughout
- Impact & Corrosion Resistant
- Butt joint, open joint or mitered joint
- Optional factory sealing
- Post build architectural feature
- No additional foundation supports
- Consistent finish

INTERIOR & EXTERIOR USES

- Feature Walls
- Fireplace
- Backsplash
- Bathroom Shower Surroung
- Ceilings
- Furniture
- Siding
- Pillars
- Garage Doors
- Retaining Walls
- Fencing

FINISHES:

SMOOTH CLASSIC

LIMESTONE

OLD WORLD

CABLE

WOOD FORM

COLORS:

SUMMIT

ALPINE WHITE

NATURAL GREY

ONYX

CUSTOM COLORS AVAILABLE UPON REQUEST

SIZES:

12″ X 72″

24″ X 72″

36″ X 72″

72″ X 8″

PANEL THICKNESS:
1/2″

PANEL WEIGHT:
5.5lbs - 7lbs ft2

CUSTOM SIZES AVAILABLE UPON REQUEST

3D PANELS:

HONEYCOMB
31 1/2″ X 31 3/4″

CUBE
22 3/4″ X 39 3/4″

WAVE
31 7/8″ X 31 7/8″

GFRC SPECIFICATIONS:

GFRC stands for Glass Fiber Reinforce Concrete. Glass fibers reinforce the concrete, much like steel does in conventional concrete. The glass fiber results in a product with much higher flexural and tensile strength than normal concrete, allowing its use in thin-wall casting applicaitons. GFRC is a lightweight, durable material that can be cast with lasting durability and strength.

Thickness: Standard is 1/2" thick (+/- 1/16" to 1/8" per unit)

Fiberglass Content: 5% content by weight, per PCI guidlines

Product Weight: 5.5lbs - 7lbs per cubic foot

Strength: GFRC **16,000psi**
Ultra High Performance Concrete **22,000psi**

Fire: Fire Resistant / Non Combustible Material

Moisture:

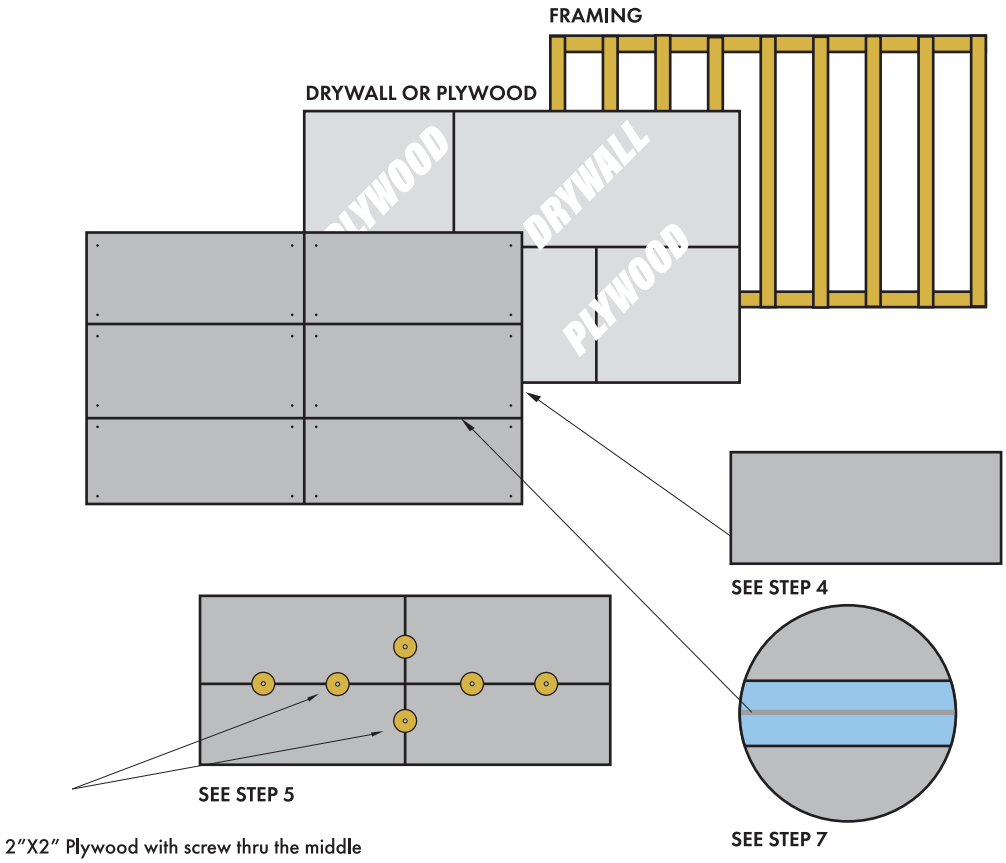
Water Absorbtion by weight: 3%-5%
Water Vapor Permiabilitu: 0.25 - 0.35 x 10ft/s

Density: *Dry* 120 - 140 (PCF)

Tolerance: Per 6'

Fabrication - DIMENSIONAL - all directions +/- 1/16" to 1/8"
Warp / Bow - +/- 1/16" to 1/8"
Square / Skew / Diagnoal - +/- 1/16" to 1/8"

INSTALLATION:



2"X2" Plywood with screw thru the middle

INSTALLATION STEPS:

1. Ensure panels are clean and free of dust

2. Plan your panel layout, considering the panel size & paying attention to recommended 1/8" space between each panel.

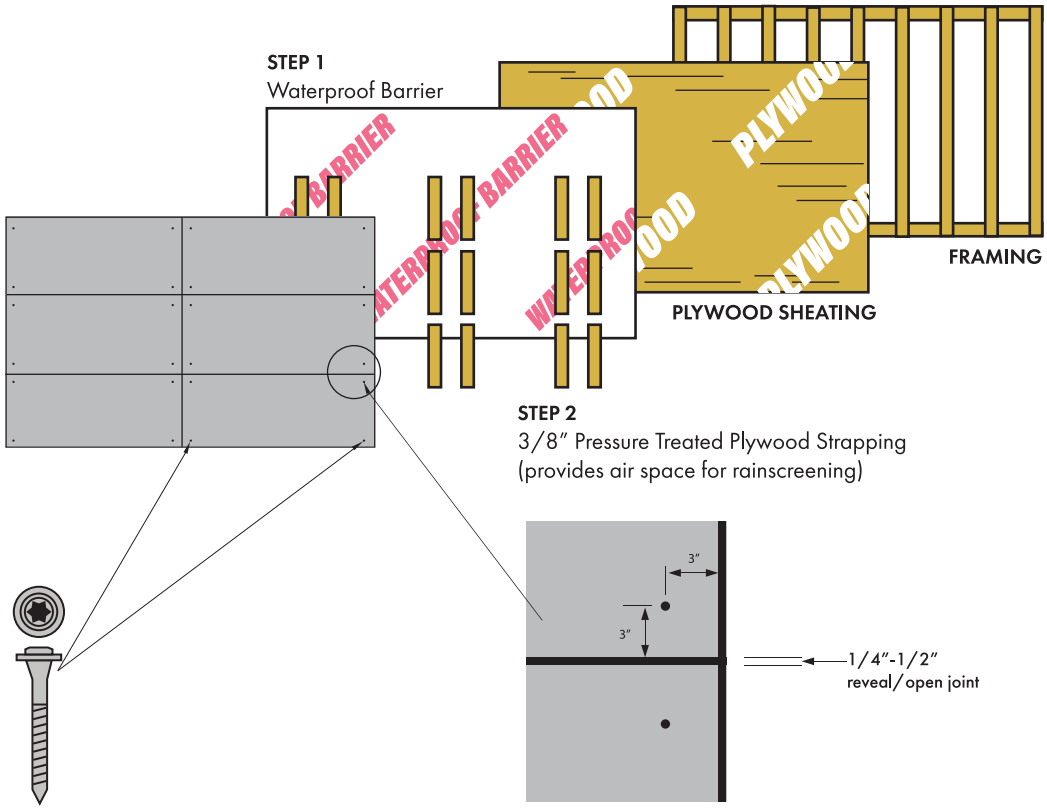
3. Place a 1/8" diameter screw through the center of a 2"x2" piece of plywood.

4. Apply a generous amount of adhesive to the back of the panel

5. Place the first panel making sure its level, and use screws with blocks to hold panels in place

6. Repeat steps 3-5 maintaining a 1/8" space between panels. Cut pieces to fit with a grinder or skill saw using a diamond blade.

7. Tape off each panel at the joint, leaving the joint space exposed. (see reference step7) Apply color matched silicone.



2" to 2 1/2" STAINLESS STEEL or Equivalent Structural Screw.
(spaced appoximately 24" apart)

INSTALLATION STEPS:

1. Apply a waterproof barrier starting from the bottom of the walls, overlapping each layer.

2. Plan your panel layout, consider full panel size while paying attention to the desired open joint/reveal width between each panel.

3. Attach 3/8" spacers, 3" on center from corners and 24" on center from each other.

4. Predrill holes in panel with a bit 1/6" larger than the diameter of the screw being used, 3" from the edges and approx 24" from each other.

5. Place first panel with 2 screws adjusting until level. Then install remaining screws.

6. Repeat steps 3-5 maintaining your desired open joint/reveal width. Cut pieces to fit with a grinder or skill saw, using a continuous diamond blade.

NOTE: Do not place skill saw directly onto panel without using a covering guide. Metal guide of the skill saw will mark the panel.

Clean Modern Industrial