READY TO INSPECT — FIELD CHECKLIST

FRP wall panels rough-in inspection checklist

FRP wall panels rough-in is the last time the work is fully visible. Once the cover inspection passes and the walls, ceilings and slabs close, every defect left behind becomes a demolition bill. This checklist walks the rough-in in the order the work goes in, with the photo each item needs before it gets buried. Work is commonly verified against the applicable building code, manufacturer's published instructions. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The panel installer prepping the walls, or the GC's superintendent walking the substrate before the panels bond over it. When: After the wall board is up and taped and before FRP install, while the substrate can still be corrected and penetrations marked.

Substrate flat and sound

- [ ] Wall flat, dry and free of ridges or hollows
  Substrate flat within tolerance, joints not proud, surface dry and clean so the adhesive bonds full without voids behind the panel.
  2 photos required
- [ ] Board face prepared the way the adhesive manufacturer requires
  Face bare or primed only as the adhesive's instructions allow, with no glossy paint, dust, grease or torn paper where the adhesive goes.
  1 photo required
- [ ] Corners true enough for the corner moldings to seat
  Inside and outside corners checked plumb and straight so both legs of the corner molding sit tight to the panel without open gaps.
  1 photo required

Moisture-appropriate substrate

- [ ] Correct backer used for the wet-area location
  Moisture-resistant board or the substrate specified for the location behind the panels, not standard board that fails when moisture reaches it.
  1 photo required
- [ ] Room temperature and humidity read against the adhesive's range
  Air and wall temperature and humidity read and recorded against the adhesive manufacturer's range, with heat or HVAC set to hold it through cure.
  1 photo required

Penetrations located

- [ ] Outlets and penetrations marked before panels go up
  Outlet, switch and plumbing locations marked so cutouts are clean and centered, edges that trim and sealant can close later.
  1 photo required
- [ ] Backing locations for wall-hung items marked for the panel crew
  Where shelving, sinks or equipment will fasten through the FRP, backing located and marked so hole layout is known before sheets go up.
  No photo required

Materials, layout and method

- [ ] Panel and adhesive labels match the approved submittal
  Carton labels show the panel texture, color, thickness and the interior-finish class the code plan requires for the room; adhesive labels match the approved submittal.
  1 photo required
- [ ] Sheets stored flat in the conditioned room before install
  Panels laid flat and off the floor in the room for the time the manufacturer lists, not leaned on a wall or kept in a cold trailer.
  1 photo required

- [ ] Panel layout marked from a level line with joints planned
  Level base line snapped, joint locations marked so division bars clear outlets and fixtures and no narrow slivers land at corners.
  1 photo required
- [ ] Adhesive and fastening method taken from the manufacturer
  Adhesive type, trowel notch and coverage, and whether and where edge or field fasteners are used, confirmed from the manufacturer's instructions for this substrate.
  No photo required
- [ ] Trims and moldings counted for every edge condition
  Division bars, inside and outside corners, and cap and edge moldings from the manufacturer's system matched to each joint, corner, top edge and termination.
  No photo required
- [ ] Expansion gap at base, ceiling and corners set from the instructions
  Gap the manufacturer lists at the floor, ceiling, corners and inside moldings known to the crew, with spacers on hand and oversize fastener holes planned.
  No photo required