

Approved System Specification

Regal
Touchstone

The Regal Touchstone shower system is compatible with a wide range of pans, doors, and accessories — but warranty coverage applies only when the system is installed with components that meet the criteria below. This document spells out those criteria. It does not list every product that qualifies; if a component meets the spec, it is approved.

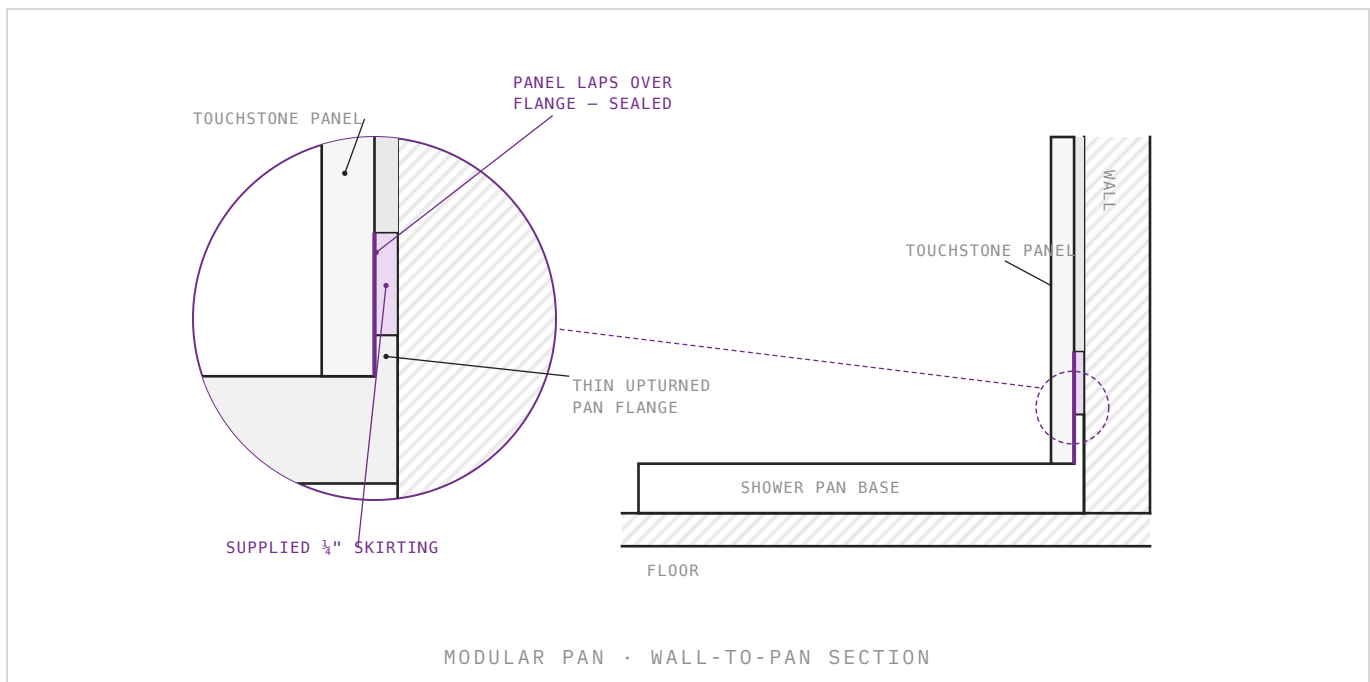
1 — SHOWER PANS

Touchstone panels can be installed over three classes of shower pan. Each has its own dimensional and waterproofing requirements. The pan must be installed level, per the manufacturer's instructions, before panels go up.

Modular one-piece pans

Acrylic, fiberglass, cultured marble, solid surface, or any equivalent. The pan must provide two features at the wall transition:

- A flange (water dam) at least **3/4" tall**, formed integrally with the pan.
- A panel ledge at least **1 1/4" wide** at the top of the flange, for the Touchstone panel to rest on.



Tile-ready fiberglass pans (Tile Ready, KBRS, equivalent)

Install using the same methodology as a modular one-piece pan. The Touchstone panel skirt installs to the top of the water dam and is flashed to the pan. **Tile the shower base before the wall panels go up** — this allows the base tile to be cut to the pan without disturbing the wall system.

Tiled (mud-bed) pans

Traditional mud bed, thin-mud-bed-and-membrane, or pre-sloped pan forms (Schluter, Noble, or equivalent). The pan must be installed and waterproofed in accordance with the pan manufacturer's instructions. Two additional requirements apply:

- The bottom of the walls must include a **6½" tall strip of ¼"-thick moisture-resistant backer board** — shipped with every Touchstone kit.
- The pan and backer strip must be waterproofed as a single system, per the pan manufacturer's recommendations.

The edges of the pan should be as level as possible to avoid gaps at the bottom of the Touchstone panels.

2 – SHOWER DOORS AND ENCLOSURES

Touchstone is compatible with most framed and frameless shower doors that mount to standard alcove dimensions. Doors must be installed **after** the panels are in place, following the door manufacturer's instructions. Two universal rules apply to anything that fastens through a panel:

- Drill all panel penetrations with a porcelain-rated bit. Holes must be at least **1/8" larger in diameter than the fastener** to prevent contact between the fastener and the porcelain.
- Apply a dab of clear sealant under every screw head, and around the perimeter of any flange that bears on the panel face.

Heavy or pivot-mounted door hardware that transfers load to the wall must hit **in-wall blocking** behind the panel — see Section 3.

3 – ITEMS REQUIRING IN-WALL BLOCKING

Touchstone panels do not provide structural support. Any accessory that bears load — sudden, sustained, or otherwise — must fasten through the panel into **2× wood blocking installed in-wall before the panels go up**. Mark and document blocking locations before paneling so the installer can find them again.

Grab bars	Required. Fasten through the panel into continuous 2× blocking spanning both end-of-bar attachment points. Hardware must be long enough to fully engage the blocking.
Folding benches and seats	Required. 2× blocking sized to the manufacturer's fastener footprint, plus a margin for re-positioning.

Surface-mounted shelves	Required wherever the shelf carries weight. Light decorative shelves with adhesive-only mounting are not approved on the panel face.
Heavy door hardware	Required for pivot hinges, header-mounted enclosures, and any door whose mounting flange exceeds typical clip-track dimensions.

Installation method for all of the above: panels first, then mark fastener locations against the documented blocking. Drill oversized holes ($\geq 1/8"$ larger than the fastener), sealant under every screw head, do not overtighten.

4 – SHOWER NICHES

One-piece stainless drop-in niches are **strongly recommended**. Their seamless leak-proof construction is the best match for the Touchstone waterproofing approach. Tiled or site-built niches are permitted only when waterproofed and flashed in accordance with the niche manufacturer's specification.

- Lay out and document the niche position **before** the panels are installed.
- After the panels are up, transfer the layout to the panel face with painter's tape. Drill a 3/8" diameter hole at each corner of the cutout, then connect the holes with a 5" angle grinder fitted with a porcelain blade. Cut wet or dry.
- Inside corners cannot be cut square. Corners must be drilled or radiused, then connected by straight cuts.
- Cutting and drilling porcelain generates respirable crystalline silica. Follow OSHA silica guidelines (29 CFR 1926.1153): cut wet wherever possible, use HEPA-equipped dust extraction when dry cutting is unavoidable, and wear NIOSH-approved respiratory protection.
- Seal the perimeter of the niche to the panel with clear sealant.

5 – FASTENERS AND PANEL PENETRATIONS

These rules apply to every accessory installed through a Touchstone panel, regardless of what it is:

- Drill with a porcelain-rated bit. Hole diameter must be at least **1/8" larger** than the fastener.
- No fastener may make direct contact with the porcelain face or substrate.
- A dab of clear sealant under every screw head.
- Hardware must fully engage in-wall blocking (where blocking is required).
- Do not overtighten — porcelain does not flex.

*All accessories are installed **after** the Touchstone panel system is fully set. No accessory may be installed under, behind, or inside the panel system.*

6 – WARRANTY

Warranty coverage requires the Touchstone system to be installed with components meeting the criteria in this document. Full terms at buildregal.com/touchstone/warranty.
