



Installation Guide

2025



Quartz Surface Installation: Step-by- Step Guide



Installing a quartz surface is a detailed and meticulous process with multiple steps that ensure a flawless result. Whether you're upgrading your home kitchen or outfitting your bathroom with a new vanity top, this guide will walk you through the key stages of installation.





Step 1

Preparation of the space: The foundation of a successful installation

Whether you enlist a team from a reputable quartz countertop supplier near you or from one of the leading quartz manufacturers, the process begins with proper space preparation. This critical step not only accelerates the project but also ensures that resources and materials are used efficiently. Here's a quick checklist to assist you with this:

- **Complete Flooring:** In case of wall cladding, countertops or vanity tops, a fully finished floor ensures that your slab will be installed at the correct height, aligning perfectly with cabinetry and appliances. It also avoids the risk of damaging the quartz during future flooring work.
- **Dry Walls:** Dry, fully painted walls prevent any moisture-related damage or staining to your slab. It also avoids potential delays in installation caused by wet or tacky paint.
- **Plumbing & Electrical Work:** Completing all necessary plumbing and electrical work beforehand prevents having to cut or alter the slab later. This also ensures that fixtures like sinks and outlets align perfectly with the slab.
- **Adequate Lighting:** Proper lighting allows the installer to see clearly, ensuring precise measurements and installation. It reduces the risk of mistakes that could result in costly adjustments later.
- **Cleaning:** Remove loose particles, dust, dirt, and other contaminants and ensure that the surface is flat.



Step 2

Dry fitting the quartz slab: Ensuring the perfect fit

Once the space is prepped, the next critical step is dry-fitting the quartz slab. This involves placing the uncut slab on the intended surface to ensure that the dimensions match the layout. Here's why this step is essential:

- **Accurate Sizing:** Dry-fitting allows the installer to verify that the slab covers the area precisely, ensuring it matches the dimensions of flooring, countertops, sinks, or cabinets without any gaps or overhangs.
- **Identifying Adjustments:** It highlights any adjustments or cuts needed to accommodate features like unusual corners and sinks, or appliances. This avoids unnecessary mistakes when cutting the slab.
- **Confirming Seam Placement:** For larger installations, seams may be necessary. Dry-fitting ensures that seams are positioned in the most inconspicuous or structurally sound locations.
- **Finalizing Aesthetics:** This step helps assess the orientation of veining or patterns on the slab, ensuring the final look is as desired before making permanent cuts.



Step 3

Marking cut lines: Tailoring the slab to your space

Since surfaces often feature angles, bends, or other unique shapes, the next step is to mark cut lines on the quartz slab. This ensures a precise fit and smooth installation. Here's why this step is important:

- **Custom Fit:** Marking cut lines allows the slab to be tailored to the exact shape of your space, accommodating angles, corners, or unusual layouts. This guarantees a snug and seamless fit, enhancing the overall aesthetic.
- **Ensuring Clean Edges:** Well-planned cuts reduce the risk of chipping or cracking during the cutting process, leaving smooth, clean edges that blend seamlessly with your design.
- **Enhancing Visual Appeal:** By marking lines based on your intended surface's design, the slab can be cut to maximize the visual impact of patterns or veining, creating a balanced and aesthetically pleasing final look.
- **Stone Sealer:** It is recommended to apply stone sealer on the back surface as well as the edges of the slab to prevent any efflorescence.



Step 4

Applying adhesive and positioning the slab

For a secure installation, the next step involves applying adhesive and carefully positioning the quartz slab. Here's why each part of this process is crucial:

- **Even Flooring:** Making the flooring flat before installation of quartz surfaces is imperative as uneven surfaces may crack the slab over a period of time. This also ensures that the slabs do not bend and look aesthetically pleasing.
- **Sink Removal:** While installing countertops, removing the sink before positioning the slab ensures a clean, uninterrupted surface for the installation. This prevents any interference during the placement of the slab and allows the sink to be reinstalled seamlessly afterward.
- **Adhesive:** Using silicone-based or polymer-modified adhesives, such as Laticrete, creates a strong yet flexible bond between the quartz slab and the base. These adhesives allow for slight movement caused by temperature changes, preventing cracks over time. Please refer to the adhesive manufacturer's manual for detailed specifications.
- **Precise Positioning:** Careful positioning of the slab ensures it aligns perfectly with skirting, cabinets, edges, and appliances. Applying even pressure guarantees the adhesive spreads uniformly, creating a lasting bond without air pockets.



Step 5

Sealing all visible joints: A finishing touch for longevity

Once the quartz slab is securely in place, the final step is sealing all visible joints with a high-quality sealant. This step is essential for both the appearance and durability of the installation. Here's why:

- **Enhanced Aesthetics:** Sealing the joints provides a smooth, seamless finish, making the surface look polished and flawless. It helps hide any gaps between slab pieces, giving your surface a unified, professional look.
- **Preventing Moisture Penetration:** Sealing joints blocks entry points for water, liquids, or spills, which is crucial in high-moisture areas like kitchens, bathrooms and flooring. This prevents damage over time, such as mold growth or weakening of the adhesive, significantly extending the slab's lifespan.



Installation Process

Application of Adhesive & Installation

- Spread the adhesive on wall/floor surface at thickness of 0.2-0.6 cm using suitable steel notch trowel.
- Press the slab firmly into position with a slight twisting action and use suitable rubber mallet for gentle tamping.
- Depending on the span, it is recommended to provide expansion joints of min. 0.3- 0.5 cm at regular intervals during installation to facilitate thermal expansion; spacers of suitable thickness may be used followed by installing flexible polyurethane sealant or other equivalent product with same specification.
- A gap of minimum 0.8 to 1 cm should be kept around the perimeter (under skirting) of laid quartz flooring.
- Suitable support should be provided during the initial setting time to ensure proper adhesion to substrate.

Grouting

- Do not use cement / mortar / POP for grouting as these are alkaline. The reaction may cause patches on joints.
- Always use epoxy resin based grouts. Grouting can be carried out as per the site conditions and recommendation of installer.



CONTACT US

Corporate Address:

J-11, Azad Nagar, Near Maha-Pragya
Circle, Bhilwara - 311001 (Rajasthan) India

Factory Address:

Village Baran, En Route Banera, District
Bhilwara - 311401 (Rajasthan) India

Website:

www.glowstone.co.in

E-Mail:

sales@glowstone.co.in

Contact:

+91-1482-246037



Scan me to download
the brochure

