

JOHNSON[®]

MARBLE & QUARTZ

NATURE, REINVENTED

CAUTION

READ INSTRUCTIONS CAREFULLY BEFORE INSTALLATION

Area of usage:

For internal areas only. Keep away from direct sunlight to prevent weathering.

Storage:

Store Johnson Marble & Quartz slabs in a covered area to protect it from direct sunlight and weather. Even an area covered with tarpaulin will do. The slabs should rest fully against a wall. If they are kept on a stand, an 18mm backing ply board should be used so that they remain flat. Always stack slabs facing polished to polished surface, and unpolished to unpolished surface.

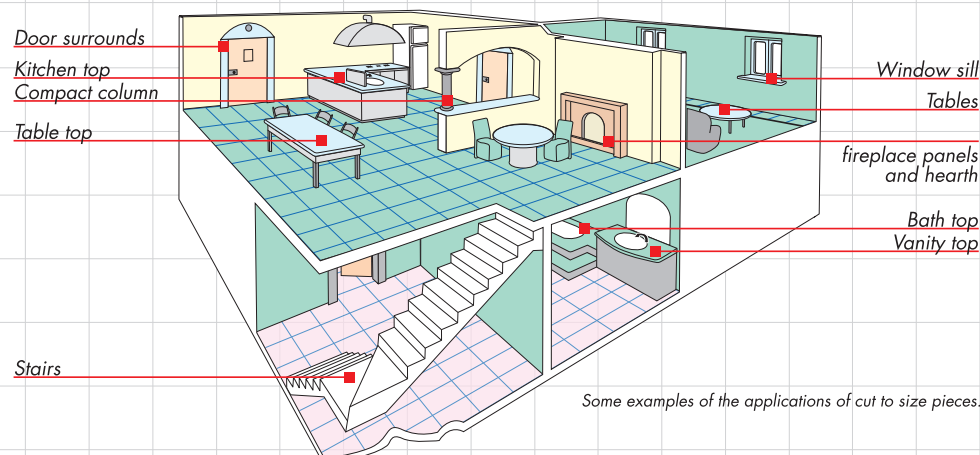
Permanent discoloration, loss in gloss and bending of slabs is possible, if they are not stored and used as recommended here.

Recommended cut size for use:

It is ideal to cut a slab of 10ft X 4ft into 3 equal pieces. If not, use it in at least 2 pieces of size 5ft x 4ft each, provided the thickness of the slab being used is 16mm or 18mm. In case the slab is 12mm thick, the maximum recommended size per piece is 2ft x 2ft.

Precautions:

- Engineered Marble & Quartz products are recommended for interior applications only.
- Prior to installation, it is recommended that marble/quartz from several supply lots are laid on the floor under natural light to check colour consistency.
- The company does not recommend using cement/mortar/POP for installation as these have a strong alkalinity. Prolonged exposure can cause permanent discoloration and loss in gloss of the product.
- Depending on the site conditions, the equipment/methodology used, and labour skill employed, gloss levels achieved during re-polishing of engineered marble may be different as compared to a factory-finished polish.
- **The company absolves itself of any responsibility due to complaints arising from improper handling, storage, installation or usage of its products other than the specified recommendations.**



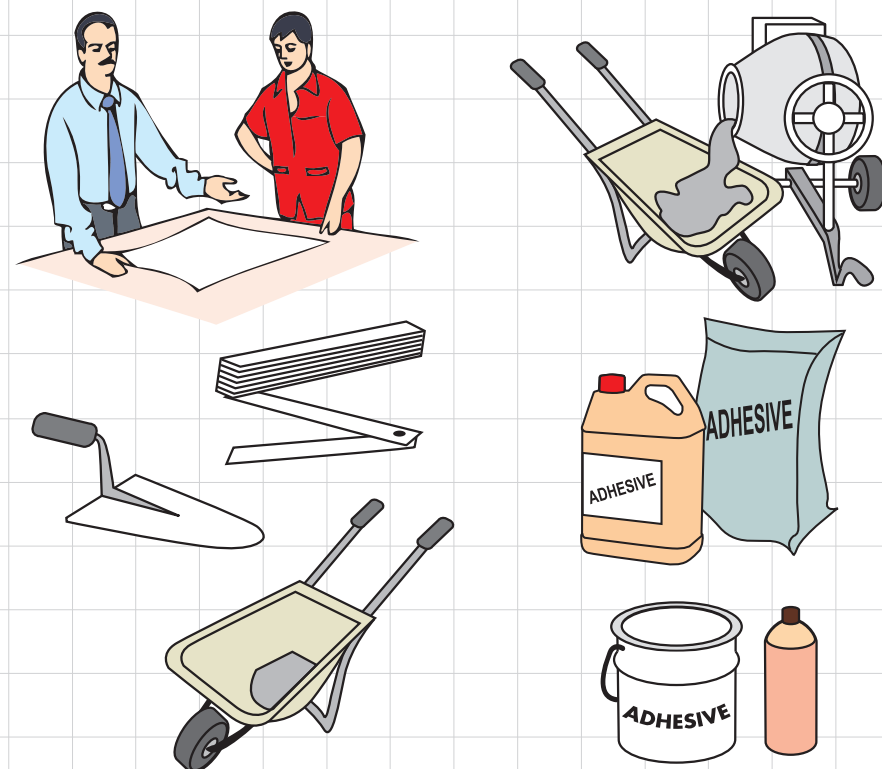
iv. Application of Adhesive & Installation:

- Spread the adhesive on the wall/floor surface at a thickness of 2-6mm, using a suitable steel notch trowel.
- Press the slab firmly into position with a slight twisting action and use a suitable rubber mallet for gentle tamping.
- Depending on the span, it is recommended to provide expansion joints of minimum 3- 5mm at regular intervals during the installation to facilitate thermal expansion. Spacers of suitable thickness may be used followed by the installation of flexible polyurethane sealant of Ardex Endura (India) Pvt. Ltd. or an equivalent product.
- A gap of minimum 8-10mm should be kept around the perimeter (under skirting) of laid marble/quartz flooring.
- Suitable support should be provided during the initial setting time to ensure proper adhesion to substrate.

NOTE: In all cases, please follow the instructions of usage (user manual) printed on adhesive bags.

v. 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 after 4-5 days of installation. The company recommends grouts from Ardex Endura (India) Pvt. Ltd. or any other equivalent epoxy resin based grouts.



Laying Instructions:

i. Adhesives: Adhesives: For Johnson Marble & Quartz products, it is recommended to use adhesives (Diamond Star + Admix AD-1) from Ardex Endura (India) Pvt. Ltd. or any other polymer modified adhesives meeting these specifications.

For more details on adhesives and technical assistance related to installation, please visit www.ardexendura.com or e-mail on customercare@ardexendura.com

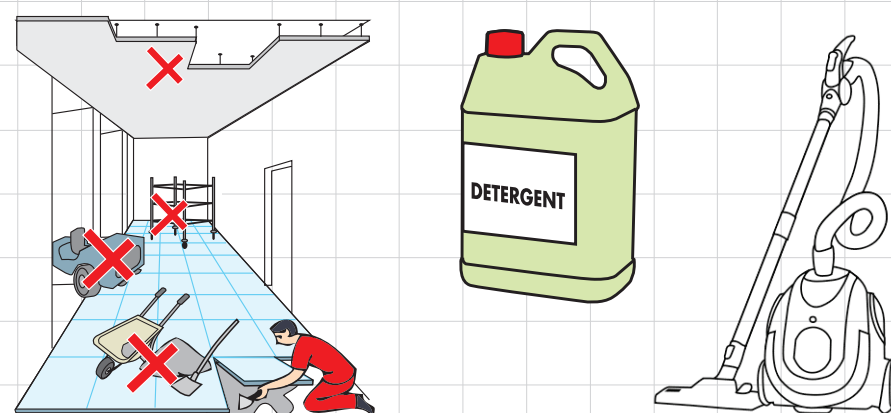
ii. Under Tile & Stone Primer Application: It is recommended to apply 'Under Tile & Stone Primer' from Ardex Endura (India) Pvt. Ltd. or an equivalent product on the back surface and side edges of Marble & Quartz slabs to prevent efflorescence.

iii. Surface Preparation:

- Remove all loose particles and mortar to reach a sound surface.
- The surface should be free of dirt, dust and other contaminants.
- New screeds and plastering should be cured for a minimum of 7 days and dried completely for at least 2 weeks, or as per manufacturer's specifications.
- The surface should be plain, plumb in line without undulations.

Cleaning & Maintenance:

- DO use only neutral detergents for frequent or regular cleaning.
- DO clean surfaces ONLY with a neutral stone cleaner. Acetone may be used with care to remove spots or stains, if any.
- For further information on cleaners, please consult Ardex Endura (India) Pvt. Ltd.



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