

**Do's & Dont's pertaining to Installation of
(Engineered) Marble/Quartz Stone in Flooring:**

- 1) Marble/Quartz slab of minimum 16 mm thickness & above to be cut in preferably 3 pieces or minimum 2 equal pieces. In case of 12mm thickness keep maximum size of 2'x2'.
- 2) Clean sides of marble/quartz with a polish paper for seamless joints.
- 3) Ensure the substrate / bedding layer (thickness not to exceed 20-25mm) to be in line & level. Also ensure that surface is properly cleaned & it is free from dust, oil, grease etc.
- 4) To level surface, cast 25-60mm thick well leveled & properly compacted PCC surface with 1:2:4 of cement, sand & coarse aggregate mix. Ensure adequate curing for minimum 7 to 10 days before installation of marble/quartz.
- 5) In case of laying of Marble with cement & sand, spread mortar of 1:4 cement, sand mix avoiding excess water and sprinkling a bit of cement to absorb excess water. Not applicable to Quartz Stone.
- 6) Apply a thin layer of white cement over base of above mortar before placing marble/quartz, which will avoid any air bubble and will give perfect bonding. Clean excess material, if any, coming out from the joints, with damp cloth/sponge.
- 7) In case of laying with adhesive, apply adhesive paste on firm and uniform sub-base of well leveled, properly compacted and adequately cured PCC surface with a notched trowel avoiding excess water in paste. Press marble/quartz with rubber hammer & remove excess adhesive if any, coming out from the joints, with damp cloth/sponge.
- 8) Keep 8-10mm wide gap below skirting to take care of product's thermal expansion. Provide suitable Backer Rod in this gap below skirting.
- 9) Keep 3-5mm wide expansion joint after every 5 meters on both directions.
- 10) Not to fill joints immediately. Instead it should be kept open for minimum 7-10 days for evaporation of excess moisture etc. The joints should be cleaned thoroughly before filling.
- 11) White cement or white cement based grouts should neither be filled in joints, nor should be kept on marble/quartz surface.
- 12) Only epoxy to be used for filling joints. Excess epoxy lying over joints should be cleaned immediately.
- 13) POP should not be applied directly on composite marble/quartz.
- 14) Before installation of marble/quartz please check the shade as there could be a possibility of batch to batch shade variation. Hence material to be used according to the batches.
- 15) We should avoid keeping hot vessels directly on Quartz stone kitchen top. Instead one should use steel coaster stands.
- 16) Quartz stone cannot be repolished. Only edges of quartz stone should be polished if required to get a desired finish.
- 17) One should avoid using any acidic or alkaline cleaner on marble and quartz surfaces. Only neutral pH cleaners should be used.
- 18) Lamination film should be removed from surface of marble and quartz the very next day of installation, whether it is floor, wall cladding or kitchen counter top.
- 19) Material should be stored in covered shed only.