

Fabrication and polishing of weathered finish Essastone®



Concrete Pezzato 20mm

Luna Concrete 20mm

thickness:

- Due to the special production process this design may present visible thickness variations within the slab and these are considered to be within specification for this décor.
- We have defined the thickness tolerances of this product as independent from those published for the gloss, matt & igneous surfaces.
- The thickness shall result from an analysis that takes into account the entire slab.
- The nominal thickness is 22mm with an overall tolerance of not less than 20.5mm and not more than 24mm.

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- These variations should be accepted as a normal presentation for this décor and should be taken into account when programming finely tuned cutting and profiling processes particularly on a CNC machine.

fabrication

- Fabrication of the Essastone Weathered Finish: Normal cutting processes to apply for all primary cuts and internal sink & cooktops openings. No special cutting speeds or processes are required for this essastone décor.

preparing and polishing the exposed/cut edges for an installed finish:

- Preparation to polish exposed/cut edges of an Essastone Weathered Finish panel or where the design requires part of the back face to be polished (eg exposed inside face of waterfall ends) does require a variation from normal polishing practices for a good result
- It is recommended that 1 pass (equivalent to the first pass used for any raw cut edge of polished surface) be first used on the raw edge or back face scheduled to be converted to a finished surface.
- The 2nd and final process should be polishing using a 'brush' attachment (that is a fixture standard for polishing stone that is available from any supplier of polishing consumables including CDK a primary supplier in the Australian market). Types of brushes vary depending on what machine it is to be fitted to so we cannot make a specific recommendation in this area.
- Wire or nylon brushes will provide slight variations on the surface condition of the factory finished material.

IMPORTANT NOTE: Original Factory finished essastone material surface.

- This is achieved in a manner, which determines that repolishing by a stonemason will not exactly replicate the surface.
- These slabs are first produced with a printed (textured wave) mould, which provides the distinct undulations in the surface.
- This undulating surface is then polished using the brushes described above.
- This has the effect of 'closing' the surface of the product and not leaving open 'pores' within the stone giving it improved surface cleaning and handling.
- It has the secondary effect of providing a non gloss surface known as a 'Brushed' effect which is distinct from other textures described as honed, matt, igneous or flamed in the stone industry.
- It is confirmed that the 'undulations' within the surface of the décor are not possible to replicate by masons.
- Only the 'brushed' effect is possible to match, meaning that all finished edges will appear slightly different from the factory finished surface.

care & maintenance of the surface:

- Please refer to the standard care & maintenance information 2016 for essastone noting that the particular information for non-gloss surfaces applies to this décor.
- Fabricators should be mindful that overspills of adhesives when installing and fixing joints will be more difficult to remove successfully from this surface and should take care when using these products to remove gently whilst still wet.
- Note: the use of Acetone is not recommended and surface damage resulting from the use of acetone on the surface is not recognised under warranty. Evidence of cleaning up overruns of glues and adhesives using acetone causing surface damage will not be recognised as a claim.
- It should be remembered that this material has an undulating surface and the nature of the texture will make cleaning and maintenance different from the polished gloss surfaces that many consumers and customers have become accustomed to.
- Any textured surface is more prone to demonstrating marks from fingers and will telegraph some kinds of surface dirt conditions more readily than a polished décor will.
- A responsible fabricator will be sure to confirm that the expectations of their customer are aligned with the performance outcomes of this beautiful and unique surface.
- High traffic areas, which may include commercial applications, will require more regular upkeep to keep the surface looking clean.
- If routine cleaning procedures do not remove stubborn or dried spills/stains, the careful use of "Jim Cream Cleanser with micro-particles" can be used in conjunction with the following procedure. The essastone surface must be wet with water and a small amount of "Jif Cream Cleanser with micro-particles" applied with a soft damp cloth. Only use light pressure and clean with a swirling motion. Keep the area wet with small amounts of water to allow the fine cleaning particles to gently remove the stain. Wash and wipe the surface to remove the cleaning agent and dry with a soft cloth.
- Jif Cream Cleanser with micro-particles is NOT TO BE USED WITH ESSASTONE GLOSS SURFACES
- For all surface finishes, red wine and other tannin based stains can be removed with a diluted bleach solution (A 50:50 mix of Domestos Regular Cleaner and water). Do not allow the bleach to remain on the surface for longer than one minute. Wash with water to remove the diluted bleach and dry with a soft cloth. Repeat the process with the diluted bleach if not successful.