

GUIDE FOR FABRICATORS



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INSTRUCTIONS FOR FABRICATORS

1 LOADING THE SLABS

Cosmolite® slabs should be loaded vertically on appropriate wooden or metal supports. When loading slabs with Grain 2.0 or Rocplan 2.0 finishes, the textured surfaces should be given adequate protection.



2 TRANSPORTING THE SLABS

The slabs must be moved only using lifting machinery equipped with neutral grippers. When using stays, avoid bringing the metal cables into direct contact with the material, so as not to damage the slabs. Store the slabs in a roofed warehouse; if they have to be stored outdoors, cover them with a dark tarpaulin.

3 CUTTING THE SLABS

Use diamond cutting discs to cut granite and agglomerates.

When cutting the slabs, there must be a constant flow of water to avoid spreading dust and to ensure the material does not overheat. The diameter of the cutting disc depends on the cutting machine used.

The feed speed must be adjusted according to the type of machine and disc used; normally it ranges between 2-4 lm/min.

For 45° cuts, use a specific disc for diagonal cutting.



Please follow the instructions in the technical data sheets of the appliances, to drill the holes for their installation.

4 EDGE POLISHING AND/OR BRUSHING

To polish and/or brush the edges, traditional edge-polishing machines can be used.
With the slab perpendicular to the bench, check that the water is clean and flowing regularly.
The belt speed will depend on the thickness of the slab, but generally ranges from 0.75-1.5 lm per minute.
The abrasives used must be designed for use on agglomerates.
For brushing, use diamond-filament brushes (yellow wire). The appropriate series are 36-46-60-80-120.

5 STICKING SLABS TOGETHER

To stick pieces of slab together, use products normally used for natural stone, preferably mono-component products containing polyester resin (resin + hardener).
The pieces to be stuck together must be completely clean and unpolished. Before the resin has hardened completely, any excess product needs to be removed using a scraper and rags.



6 CNC

Use specially designed tools for agglomerates and follow the CNC machine instruction manual.

7 POST-PROCESSING INSTRUCTIONS

Once the Cosmolite® slabs have been cut and the pieces stuck together, deep-clean the surface by washing it with an acidic detergent left to work for a couple of minutes. Rinse using clean water, then dry using a clean cloth and assess the success of the cleaning operation. In the event of the surface appearing opaque or uneven after cleaning, rinse again. If, on the other hand, traces of dirt remain, repeat the cleaning operation.
We do not recommend applying any kind of surface treatment such as wax, protectants or sealants, as these could over time lead to a loss of sheen or unevenness in the surface appearance if not applied correctly.
When wrapping up the countertops, avoid direct contact with wood or polystyrene. The surfaces can be protected by covering them in nylon sheets and using edge and corner-protectors in expanded polyethylene.

8 CLEANING AFTER INSTALLATION

When installing countertops, workers need to be particularly careful when it comes to applying silicone to the parts to be sealed so as to avoid dirtying the surface and/or backsplash. We suggest using masking tape to mark out the area to be sealed.
For laying/installation operations, we recommend using only neutral silicone sealants. Any silicone residue can be removed using plastic scrapers or products designed for the removal of fresh silicone.
Once the product has been installed, deep-clean the surface by applying an acidic detergent to the slab and leaving it for a couple of minutes. Rinse using clean water, then dry using a clean cloth and assess the success of the cleaning operation.

CLEANING, USE AND MAINTENANCE

9 DAY-TO-DAY CLEANING AND MAINTENANCE

For day-to-day cleaning of Cosmolite® surfaces, use a damp cloth or soft sponge and, if necessary, a small amount of pH-neutral or slightly acidic detergent. Apply the product directly to the surface and leave for a few seconds, then rinse using a sponge and clean water and dry thoroughly.



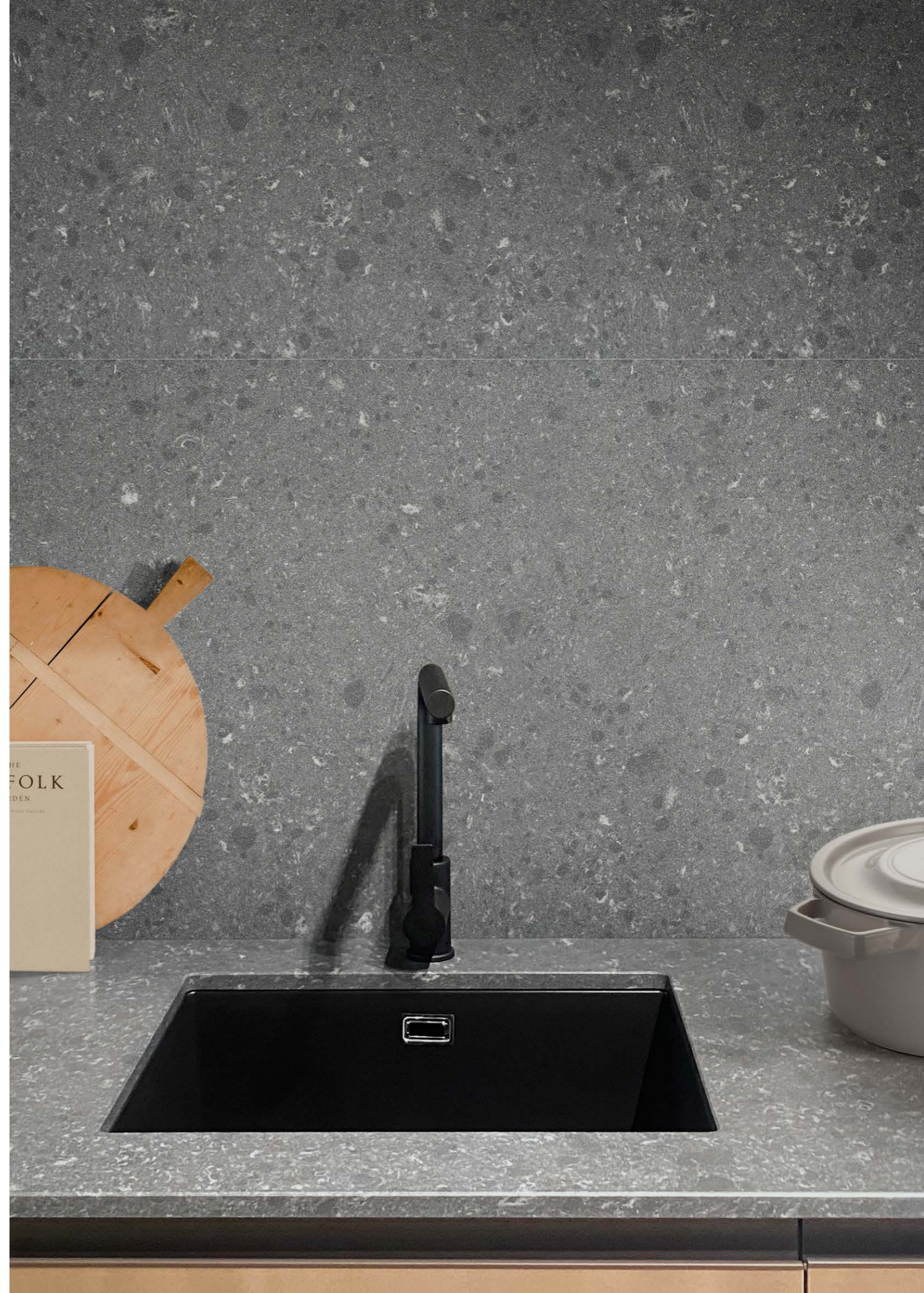
10 REMOVAL OF STUBBORN STAINS AND SPECIAL MAINTENANCE

Cosmolite® surfaces have a high resistance to the stains caused by most commonly used products. However, the removal of certain stains can prove trickier, especially if the stains are not treated swiftly and have time to sink in or harden. In these cases, clean the surface using an acidic detergent; leave it on the surface for a couple of minutes, then wipe delicately with the rough side of a Scotch-Brite sponge or a melamine-foam sponge.

Rinse using clean water and dry using a clean cloth before assessing the effectiveness of the cleaning operation.



Watch the video dedicated
to cleaning Cosmolite® tops



Cosmolite® is a brand of



ISO 9001
ISO 14001
ISO 45001

Certificato n° 30700767 QM15
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SURFACE DESIGN AND TECHNOLOGY SINCE 1979

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