

This technical bulletin will provide recommended guidelines for sanding and polishing of Staron® products in order to achieve optimum results.

NOTE : *On your first Staron® project we suggest you experiment, prior to actual fabrication, with the methods and procedures described below. Keep in mind that all dark colors of solid surface, regardless of brand or composition, may require additional maintenance when installed in a high-use areas.*

EQUIPMENT

Sander	Random orbital electric or air powered. (equipped for dust control recommended)
Abrasives	3M Imperial™ Microfinishing Film discs (Micron sizes) 80μ, 60μ, 30μ
Polisher	8-10 AMP, 1600-1800 R.P.M. and 7-9" polisher
Polishing Compound	3M Finesse-it™ Marine Paste Compound (PN 06039)
Finishing Material	3M Finesse-it™ Finishing Materials (PN 81235)
Polishing Pad	3M Superbuff™ 2 plus 2 Pad (White, PN 05701)
	3M Superbuff™ Polishing Pad (Yellow, PN 05705)

SANDING PROCESS

Move the sander North-South and East-West making sure to overlap half the pad diameter – Always clean the entire top with a damp cloth and air-dry, or dry with paper towels, before going to the next steps. Remove residual sanding dust/build-up from Micron sanding media regularly during the sanding process

1. Sand with 80μat the seams or heavy scratches areas.
2. Sand with 60μand 30μover the entire top covering all edges.
3. Wash away any residual dusts.

POLISHING PROCESS

4. Apply 3M Finesse-it™ Marine Paste Compound (PN 06039) to the surface.
5. Polish the surface with a new 3M Superbuff™2 plus 2 Pad (White, PN 05701).
6. Using clean water, wash away any residual polishing compound.
7. For a better finish, repeat process using 3M Finesse-it™ Finishing Materials (PN 81235) using a 3M Superbuf™ Polishing Pad (Yellow, PN 05705).

This Technical Bulletin is intended to provide guidelines for optimal fabrication, installation, and performance of LOTTE ADVANCED MATERIALS products mentioned. Though the information contained herein is deemed reliable, none of the contents--including but not limited to the instructions, techniques, graphics, and recommendations--is to be understood as implying legal liability of fitness for a specific purpose, any other type of warranty, or being complete or absolute in its range and nature of information.

Depending on the user's particular application, all necessary measures must be taken to verify and test the adequacy for such needs or application. Any information or recommendation herein is strictly for purposes of reference and as such, LOTTE ADVANCED MATERIALS assumes no responsibility for its suitability or accuracy or the use of such information for products other than LOTTE ADVANCED MATERIALS Staron® solid surfaces & Radianz® quartz surfaces.