

16.1 DIFFERENT SANDING EQUIPMENT

Before any sanding or polishing of Hanex Solid Surfaces, having the right tools and sanding pads are important to get the proper finish you desire. There are many types of sanders that you can use in the market. For the most part, most orbital sanders can be used on Hanex Solid Surfaces, however, **BELT SANDERS MUST NOT BE USED** at any time. Belt sanders can create too much heat which can cause damage and it can also create nicks that can be a stress risers to the countertop. The orbital sanders should be set at the right speed for optimal use. Please check with the tool manufactures for details.

In addition to the sanders, having the right sandpaper is another task. Because there are so many different sandpapers in the market, it is recommended that the fabricators check with the sandpaper manufacturers for specifications and proper use.

Different types of Sandpapers

<i>Types</i>	<i>Spec.</i>
Standard Grits	Average size of the grits in entire sheet (dry)
Micron Paper or similar	All grits the same size (dry)
Abralon	Can be used wet or dry
Trizact	Color coded and must be use wet

Table (16.1-a)

Different types of Finish

<i>Finish</i>	<i>Remarks</i>
Matte	Most commonly used / Easy to maintain
Semi-Gloss	Commonly used / Fairly easy to maintain
Gloss	Not recommended / High maintenance
High Gloss (Mirror)	For displays, not recommended for countertops / Very high maintenance

Table (16.1-b)

Sanding/Polishing

16.1 DIFFERENT SANDING EQUIPMENT CONT'D.

This technical information is designed to provide support in fabrication, installation, and/or to ensure performance of Hanex Solid Surfaces. The information is based on the technical data which Hanwha Surfaces believes to be reliable and is intended for a person or persons having knowledge of this technical area. None of the contents, including but not limited to the instructions, recommendations, graphics, techniques, and guidelines should be understood as implying of legal, warranty, or any type of liability by Hanwha Surfaces and its affiliates.

This chart is only a guideline and should be tested for proper use in your application:

<i>Finish</i>	<i>Standard Grit</i>	<i>Micron</i>	<i>Abralon</i>	<i>Trizact</i>
Matte Finish (Light Color)	120, 150, 180, Red Scotch-Brite™	80, 60, Red Scotch-Brite™		
Matt Finish (Dark Color)	120, 150, 180, 220, 320, Grey Scotch-Brite™	80, 60, 30, Grey Scotch-Brite™	180, 360, Grey Scotch-Brite™	
Semi-Gloss	120, 150, 180, 220, 320, 600-(Wet)	80, 60, 30, 15	180, 360, 500	
High Gloss	120, 150, 180, 220, 320, (600, 800, 100) Wet	80, 60, 30, 15, 9, 5	180, 36, 500, 100, 2000, 4000	60 Micron Blue, Green, Orange, White, All Wet
Mirror Finish	All of the above plus 1) Marine-grade rubbing compound 2) Finesse it compound 3) Liquid glass as final coat.			

Table (16.1-b)

** The Micron and Trizact is a registered trademark of 3M Corporation. The Abralon is a registered trademark of Mirka Corporation. Scotch-Brite™ is a registered trademark of 3M Corporation.