

Fabrication Bulletin # 2006

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### Material Layout Recommendations

HanStone Quartz offers the natural beauty of quartz with up to six times the strength and durability of granite. More than 90% of HanStone Quartz is natural quartz crystals, one of nature's hardest minerals. The quartz is combined with resins and pigment to create the look of natural stone without the high maintenance. There is no need for sealing, conditioning, and polishing. HanStone Quartz is scratch and stain resistant and its non-porous nature makes it an ideal surface for residential or commercial applications.

#### Overview

Even though HanStone is a man-made product, it is comprised of predominantly natural minerals. The natural color and pattern variations are an inherent trait that is a key element in the design intent of this product. By design many of our materials have color, pattern, and material flow variations that only serve to enhance the natural appearance of the product. These variations cannot be viewed as defects and are intrinsic properties of the HanStone Quartz surface.

Due to the prominent use of natural materials, combined with the attained aesthetic of natural pattern and material flow, care must be taken to lay out each job so that ultimately the consumer is satisfied with the final result. The following factors must be taken into consideration when laying out HanStone;

- Color, veining, and pattern variations within the slab.
- Particulate size and distribution. Generally the size of solid color concentrations will not exceed the size of a quarter, however some patterns have been intentionally formulated to have larger concentrations to enhance the granite-like appearance.
- Slight background shade variations, especially on monochromatic or solid color patterns.
- Each slab is unique and may have unique color and pattern variations. Samples cannot show all of the possible variations and should be referred to as a general indication of the materials aesthetic properties.
- Obtain slabs from the same lot number for matching consistency. Do not fabricate or install HanStone countertop pieces that do not match.
- Pay attention to veined patterns and direction (Refer to Fabrication Bulletin #2001- Veined Materials).
- Slight color and pattern variations will be visible from one side of a seam to the other. Slight color and pattern variations are acceptable.

## Layout & Fabrication

It is important to visually inspect the slabs being used even if they are from the same lot number. Place the slabs side by side if possible. If the slabs do not match obtain replacement slabs from your HanStone distributor. Slabs with a noticeable color or pattern variation within the same lot number will be replaced provided no cutting or installation has taken place. Do not cut, fabricate, or install any HanStone countertop pieces that do not match.

If possible, locate edges to be seamed near the center of the slabs rather than at the perimeter.

## Inspection

Test fit pieces to be seamed together. Visually inspect all tops under adequate lighting sources. Do not install countertops that have more than a slight color or pattern variation. When in doubt, ask yourself if you would accept the variation in your own home.

Remember that HanStone is composed of predominantly natural quartz and as a result variation in color, particulate size, shape and distribution is an inherent trait expected of this product. The time spent in the beginning of the job on layout, will result in a successful installation and ultimately a satisfied customer.