



Fabrication Bulletin # 2014

October 28, 2013

## **Material Layout – Color Match**

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**

HanStone is comprised of predominantly natural minerals. By design many of our products have color, pattern, and material flow variations that only serve to enhance the natural appearance of the product. The natural color and pattern variations are an inherent trait that combine to become key elements in the design of this product. These variations cannot be viewed as defects and are intrinsic properties of the HanStone Quartz surface. Additionally some of our colors have a larger pattern and veining which intensifies the overall appearance of 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 slabs;

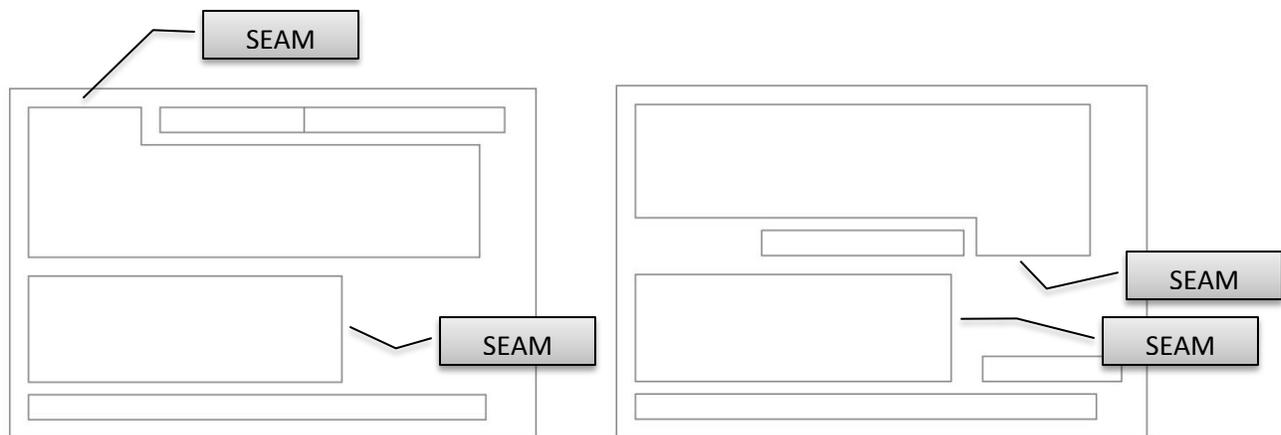
- There will be color, veining, and pattern variations within the slab. Lay out the job accordingly.
- Pay attention to particulate size and distribution. Generally the size of solid color concentrations will not exceed the size of a quarter, however some patterns have been intentionally formulated to have larger concentrations to enhance the granite-like appearance.
- Slight background shade variations can occur, 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 color, shade, and 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 special 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.

In the Slab layout example below, the layout on the left is far more likely to have color variations at the seam than the layout on the right. Similar to best practices used in granite layout, the closer together on the slab that you can place the seams, the more likely the color match.



High probability of color variation @ seam

Low probability of color variation @ seam

## Inspection

Always test fit pieces to be seamed together after fabrication and before installation. 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.