

**PRODUCT TYPE**

Quartzite

**ORIGIN**

Brazil

**STOCKED FINISH**

Polished

**RECOMMENDED USES**

Commercial

Residential

Interior Countertops

Interior Wall

Fireplaces

**STOCKED SIZES**

3/4" (2cm slab)

1-1/4" (3cm slab)

Polaris is a polished quartzite with varied striations of tones of grey which includes veining in tones of gold, brown and black. The linear movement and soft color variation in this stone adds a dramatic and sophisticated look to any space. This is a metamorphic stone which evolved from a sandstone due to extreme heat and pressure. During the polishing process, an epoxy resin is applied to the surface of the stone to fill in any natural pits, cracks or fissures that may exist. It is possible for some of the more minute pits that are too small to effectively hold the resin, to reopen during other finishing stages. However, this does not affect the durability, maintenance or beauty of the stone. Due to the qualities of the stone, the slabs are book-matched; meaning slab one and slab two will be cut and polished to create a mirror image of each other. These are then kept in sequence, which allows for a consistent flow in pattern. Finally, a mesh backing is adhered to the back of the stone to ensure safety while handling and fabricating the slab.

As a natural stone product, it is recommended that this be sealed to extend its longevity. This quartzite has a more open structure and therefore needs a sealer that is designed to penetrate properly to ensure that the stone is sealed. Arizona Tile suggests using 3 coats of Miracle Sealants 511 Porous Plus or Dry Treat Premium Impregnating Sealer for the initial sealing, which needs to be done at the time of installation and applying 1 coat of sealer every 6 months moving forward. It's also recommended to seal all cut edges before installation. This will help prevent water and oils from penetrating into the stone around sinks, faucet holes, ovens and any seams.