

# ICESTONE TECHNICAL SPECIFICATIONS

## Residential FAQ's

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### **What are IceStone surfaces made of?**

IceStone surfaces are made with 100% recycled glass in a cement matrix and reduce the amount of glass in the waste stream.

### **What is the size, thickness, and weight of IceStone slabs?**

IceStone precast slabs are manufactured to the following standard dimensions: 52½" wide by 96" long, 1¼" (3 cm) thick, and weigh about 14 lbs per square foot.

### **What are IceStone surfaces used for?**

IceStone surfaces can replace mined or engineered stone, rivals the strength of quarried stone, and are ideal for kitchen countertops and backsplashes, bathroom vanities and shower walls, tabletops, flooring, and outdoor pavers. IceStone surfaces passed the American Disabilities Act (ADA) flooring guidelines for slip resistance; however, an authorized fabricator will have to convert IceStone slabs into tiles.

### **Can IceStone surfaces be used outdoors?**

IceStone surfaces are suitable for exterior applications: they are freeze-thaw rated 0.49% expansion, to 300 cycles. IceStone surfaces can be finished with gloss finish, honed or sandblasted to add slip resistance. IceStone surfaces are also UV stable, so the color will not change after exposure to sunlight.

### **How durable are IceStone surfaces?**

Extremely durable, up to 13,000 psi, IceStone surfaces are stronger than marble. Unlike petrochemical-based materials, IceStone surfaces do not fade with UV exposure. IceStone surfaces are heat and scratch resistant.

### **How are IceStone surfaces fabricated and installed?**

IceStone surfaces are fabricated using standard stone cutting equipment. We have issued manufacturing and installation requirements in a technical bulletin, that covers the quality standards that must be adhered to when fabricating and/or installing IceStone surfaces. Authorized IceStone fabricators must comply with this document to assure the highest quality installations.

### **What types of sealants and how often is resealing recommended for IceStone surfaces?**

Our fabricators follow a recommended sealing process and suggest that once installed, end users should reseal IceStone surfaces once per year. We recommend water based or low-VOC, solvent-based penetrating sealants.

### **Can you cut on IceStone surfaces?**

We recommend that you use a cutting board to preserve your knives.

### **Are IceStone surfaces heat resistant?**

Yes, but if you put a hot pot directly onto IceStone surfaces, you will compromise the sealer.

### **Do IceStone surfaces stain?**

IceStone surfaces will not stain if sealed according to our guidelines. Daily maintenance should include a mild, water based, low ph cleanser, to keep your tops clean. Anything else may strip the sealer over time and leave the application susceptible to stains. We recommend water based, low-VOC sealers be applied according to the manufacturers guidelines, typically once per year.

### **If an IceStone surface does stain, can it be removed?**

Yes. Because IceStone surfaces are very dense stains are easily removed with a poultice, available through stone fabricators, tile stores, and home centers.

### **What maintenance do IceStone surfaces require?**

Clean the surface with mild soap and water solution; avoid commercial, ammonia or bleach-based cleaners. These harsh products could strip the sealer over time and make IceStone surfaces susceptible to staining. We also suggest wiping stains as soon as possible. Avoid leaving spilled acids such as vinegar or lemon juice for prolonged periods of time.

### **How much do IceStone surfaces cost?**

The cost of IceStone surface is dependent on the color selection, size and scope of project. Please contact an authorized showroom in your area.