Brooklyn Navy Yard

63 Flushing Ave, Bldg 12

Brooklyn, NY 11205

**IceStone**® **Product Data**



**Product description/composition**

IceStone durable surfaces are slabs are made from three core ingredients: 100% recycled glass, Portland cement, and non-toxic pigments. Slab content varies per color; please see the content break-down in the table below. IceStone surfaces are fabricated and installed much like a natural stone and can be used in both residential and commercial applications such as tabletops, transaction surfaces, cash wraps, work surfaces, bathroom vanities, counter tops and more.

**Manufacturing Plant Location**

IceStone LLC, 63 Flushing Ave, Bldg. 12 Brooklyn, NY 11205

**Slab Size & Weight**

Full Slabs – 52.5” by 96.5” by 1.25” nominal, 16.3 lbs/sq. ft. (approximately 570 lbs/slab)

**Colors**

IceStone surfaces deliver award-winning design in a range of colors, from contemporary jewel tones to classic neutrals. Custom color development is available for large commercial projects. Please contact us for feasibility and lead times.

**Finish**

IceStone slabs are shipped from Brooklyn with a polished finish; slabs can also be honed or sandblasted by a fabricator but please check the warranty to see details on covered finishes.

**IceStone Slab Content**



|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Color** |  | **Post-Industrial** |  | **Post-Consumer** |  | **Post-Consumer Recycled** |  | **Portland Cement, Pigments,** |  |
|  |  |  | **Recycled Glass** |  | **Recycled Glass** |  | **Mother of Pearl** |  | **& Proprietary Ingredients** |  |
|  | Alpine White |  | 69% |  | 0% |  | 0% |  | 31% |  |
|  | Amber Pearl | 61.2% | 0% | 7.8% | 31% |  |
|  | Cobalt Ice |  | 69% |  | 0% |  | 0% |  | 31% |  |
|  | Denim Moss | 35% | 34% | 0% | 31% |  |
|  |  |  |  |  |  |  |
|  | Fogbound |  | 69% |  | 0% |  | 0% |  | 31% |  |
|  | Forest Fern | 69% | 0% | 0% | 31% |  |
|  | Gotham Grey |  | 61% |  | 8% |  | 0% |  | 31% |  |
|  | Latte | 69% | 0% | 0% | 31% |  |
|  | Moroccan Red |  | 35% |  | 34% |  | 0% |  | 31% |  |
|  | Pearl Grey | 66% | 0% | 3% | 31% |  |
|  | Sage Pearl |  | 63.8% |  | 0% |  | 5.2% |  | 31% |  |
|  | Sapphire Snow | 66% | 3% | 0% | 31% |  |
|  | Sky Pearl |  | 52.8% |  | 11% |  | 5.2% |  | 31% |  |
|  | Snow Flurry | 69% | 0% | 0% | 31% |  |
|  | Tuscan Sunset |  | 58% |  | 11% |  | 0% |  | 31% |  |
|  | White Pearl | 61.2% | 0% | 7.85% | 31% |  |

Note: We do our best to keep this information current and correct. Occasionally, percentages of Pre- and Post-consumer recycled content could shift based on availability and product quality. Percentages are based on weight.

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**Technical Specifications**



|  |  |  |
| --- | --- | --- |
| **Property** |  | **Test Standard** |
|  |  |  |
| Compressive Strength |  | ASTM C-109 |
| Flexural Strength |  | ASTM C-203 |
|  |  |  |
| Specific Gravity |  | ASTM C-97 |
| Porosity/Absorption |  | ASTM C-642 |
|  |  |  |
| Chemical Durability |  | ASTM C-1260 for ASR |
|  |  | Reactibility |
| Freeze Thaw |  | ASTM C-666 |
|  |  |  |
| Fire Rating |  | ASTM E-84 |
|  |  |  |
| Coefficient of Static |  | ASTM C-1028 |
| Friction |  |  |
|  |  |  |
| Food Equipment |  | NSF 51 |
| Materials |  |  |
| **Product Certifications** |  |  |



**IceStone**® **Product Data**



**IceStone Results**



13,000 psi – 16,000 psi

890 psi



2.31 g/cm3

0.18% unsealed



0.49% 300 cycles

0.05%



Class 1(A)

Flame spread index 0

Fuel contribution 0

Smoke density index 0

0.69 polished dry/0.61 polished wet

0.71 honed dry/0.62 honed wet

0.85 sandblasted dry/0.77 sandblasted wet



Certified for Splash Zone applications

IceStone is proud to carry the following certifications, which reflect the company's commitment to healthy, sustainable, and innovative design.

IceStone® durable surfaces are *Cradle to Cradle Certified™* at the Silver level. *Cradle to* *Cradle Certified™* products are evaluated for material health, material reutilization,renewable energy use and carbon management, water stewardship, and social fairness. To learn more about the *Cradle to Cradle Certified™* Products Program, visit **www.c2ccertified.org**



IceStone is also certified by NSF International for NSF/ANSI 51, which indicates IceStone is suitable for use in splash zone applications in food-related establishments, such as decorative salad bars, cashier stations, tray counter areas, etc. To learn more about NSF, visit **www.nsf.org**.



**Fabrication & Installation**

IceStone surfaces are fabricated and installed similarly to natural stone. Please refer to the **IceStone** **Fabrication Guidelines** for more details on the requirements for the fabrication and installation of IceStone.

**Maintenance**

IceStone is manufactured without any petrochemicals or resins, making it a healthy choice for the home or office. The material is very dense but still porous, so IceStone surfaces do need to be sealed. In general, IceStone is maintained similarly to a natural stone. Please refer to the **IceStone Care and Maintenance** **Guidelines** for more detailed information.

**Warranty**

1. Residential 10-Year Limited Warranty and Commercial 10-Year Limited Warranty is available for registered IceStone installations that have been fabricated and installed by an IceStone Certified Fabricator. Some restrictions apply and not all applications are covered. Please **view our warranties on our website** for detailed terms and conditions. IceStone has a network of certified fabricators across the US and Canada.

**To request more information, please email customerservice@icestoneusa.com or call 718.624.4900**

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