



# FRAGMENT

## Technical data sheet

### Product description

Fragment panels durable surfaces are slabs made from 100% recycled glass, Portland cement, and non-toxic additives (such as pigments, minerals, non-VOC substances, etc.). Slab composition varies per design and is available upon request. Production line is designed in accordance with the postulates of sustainable production combined with strict manufacturing tolerances and quality control. Because we exclusively use recycled glass, every slab is unique in its design. Inherent in this process, variation in color, shape, size and distribution of glass is not unusual. However, this only emphasizes uniqueness and exceptionality of each slab.

Fragment panels 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.

### Panel Size & Weight

Fragment slabs are made in different dimensions with thickness 2,5 cm and weights 53 kg per sq. meter or 3 cm thickness weights 63,5 kg per sq. meter.



## Colors

Fragment panels are available in a range of colors. Custom color development is available for large commercial projects. Please contact us for feasibility and lead times.

## Finish

Fragment panels are shipped with a high-gloss, polished finish.

## Technical Specifications

Property	Test Standard	Results
Compressive Strength	EN 1926/2010	39 Mpa – 47 Mpa
Flexural Strength	EN 12372/2009	6,8 Mpa -7,4 Mpa
Scratch Resistance	Mohs Hardness	7.5 glass / 4.5 matrix
Specific Gravity	EN 1936: 2007	2.495 g/cm <sup>3</sup>
Absorption	EN 13755	0.87 %
Freeze Thaw	EN 12371:2010	0.2%
Thermal shock (300°C)	10545-9:2013	Pass
Fire Rating	ASTM E 84	Class 1(A) Flame spread index 0 Fuel contribution 0 Smoke density index 0
Coefficient of Static Friction	ASTM C-1028	0.72 polished dry/0.63 polished wet



## Fabrication & Installation

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

## Maintenance

Fragment slabs are manufactured according to sustainable industry postulates and without any toxic components, making it a healthy choice for the home or office. Although material is very dense it is still slightly porous so we recommend it to be sealed to omit staining after prolonged exposure to potentially staining liquids such as, lemon juice, vine or coffee. Fragment slabs can withstand temperatures up to 300°C with no effect, though a trivet is always recommended. Fragment slabs are durable and resistant to everyday common surface use and wear. However, Fragment slabs are not scratchproof or completely resistant to impact. At times, chips may occur due to impact especially at high traffic areas such as sinks and dishwashers. In general, Fragment surfaces are maintained similarly to a natural stone. Please refer to the Fragment Care and Maintenance Guidelines for more detailed information.