

Declaration of Compliance

Producer: TECHNISTONE, s.r.o., Bratří Štefanů 1070, 500 03 Hradec Králové
declares and acknowledges that the product:

ENGINEERED STONE TECHNISTONE® **- slabs and cut-to-size products for vanity and kitchen tops**

meets the standard EN 15388, and the company TECHNISTONE, s.r.o. took steps for meeting the compliance of all mentioned products on market by which the technical requirements and the basic requirements of the standard EN 15388 are defined with the exception of point 5.13.

Product definition: cut-to-size products for vanity and kitchen tops are plain slabs prepared by cutting of the main size (rough product) that covers furniture and it is mechanically coupled or by special binders fixed to furniture, of various thickness, size and surface (polished, rained, ardesia, honed, brushed, matt).

Usage: Fabrication of products for vanity and kitchen tops in stone workshop.

Name: cut-to-size products for vanity and kitchen tops, binder polyester resin, silica-based filler; production lines:

- Sand (commercial names: Gobi, Elegance, Harmonia; max. grain size 4 mm)
- Granite (commercial names: Taurus, Terazzo; max. Grain size 15 mm)
- Mirror (commercial names: Starlight, Brilliant, Pearl; max. grain size 4 mm)
- Crystal (commercial names: Noble, Noble Pro; grain size smaller than 4 mm)
- Crystal – grain size smaller than 2.5 mm (commercial name: CRYSTAL; max. grain size 4 mm)
- Crystal – grain size 2.5 mm and larger (commercial name: CRYSTAL; max. grain size 10 mm)
- Marble (commercial name: Atlas; max. grain size 12 mm)

Basic characteristics:

Article	Characteristic	Testing method	Declared value (detailed specifications of individual properties are specified in the current General Business Terms and Conditions of Technistone, s.r.o.)
4.1	Geometric properties (rough product)	EN 13373	thickness: $\pm 1,2$ mm, length and width: -20 mm/+ 10 mm, flatness: $\pm 0.2\%$ in relation to length (central flatness, flatness of edges, deformation) squareness (diagonal): $\pm 0.2\%$
5.2	Appearance	visual	Due to the use of natural raw materials, differences in the shade of the product may occur in the colour and finish, or small black or grey natural grains may be present in the product. These differences in aesthetic appearance are typical for artificial stone. They do not affect the functionality of the slabs and are not considered defects, for more see the General Terms and Conditions of Technistone, s.r.o.
5.3	Reaction to fire	EN 13501-1	B ₁
5.4	Water absorption	EN 14617-1	production line Sand and Mirrors: max. 0.06%, production line Crystal: max. 0.07%, production line Granite: max. 0.09%, production line Marble: max. 0.9%
5.5	Density	EN 14617-1	min. 2.10 g/cm ³


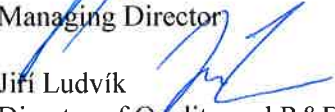
Article	Characteristic	Testing method	Declared value (detailed specifications of individual properties are specified in the current General Business Terms and Conditions of Technistone, s.r.o.)
5.6	Flexural strength (bending)	EN 14617-2	production line Sand: min. 40MPa, production line Mirrors: min. 35MPa, production line Granite: min. 30MPa, production line Crystal (Noble, Noble Pro): min. 60 MPa, production line Crystal (fine-grained): min. 50MPa, production line Crystal (coarse-grained): min. 30MPa, production line Marble: min. 25MPa
5.7	Resistance to thermal shock	EN 14617-6	Mechanical properties unchanged
5.8	Impact resistance	EN 14617-9	min. 1,7 J (depends on the thickness of the slab)
5.9	Chemical resistance	EN 14617-10	Production lines Sand, Mirror, Granite and Crystal: class C4; production line Marble: class C3
5.10	Coefficient of linear thermal expansion	EN 14617-11	Production line Sand: max. 30 / 35 x 10-6/°C, production line Mirror: max. 25 / 30 x 10-6/°C, production line Granite: max. 20 / 25 x 10-6/°C, production line Crystal: max. 35 / 41 x 10-6/°C, production line Marble: max. 25 / 30 x 10-6/°C NB: values are specified for intervals from 30 to 60°C / 20 to 130°C

Other characteristics:

Content of nature radionuclide according to Regulation No. 307/2002 of Code, Addenda 11	CSI Praha	is within limit and guide values in any arguments
Healthy product	Czech National Institute of Public Health (SZÚ)	product meets conditions for indoor usage and no volatile organic compounds (VOC) were found; product meets Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing and Commission Regulation (EC) No. 10/2011 as amended
	SCS Global Services USA	the product does not contain any volatile organic substances according to the American standard SCS EC 10.3 - 2014 v4.0 Indoor Air Quality Performance Standard and CA 01350 (Standard Method v1.1)
	UL USA	GREENGUARD Gold Certificate - the product does not contain any volatile organic substances
Food equipment material	NSF certification	NSF/ANSI STANDARD 51 Food Equipment Materials

The company TECHNISTONE, s.r.o. has published this Declaration according to its internal regulations and its valid General Business Terms and Conditions published on the partner portal of the company website (www.technistone.com), and based on reports and certificates of the following testing laboratories and institutions: The Technical and Test Institute for Construction Prague, Authorised Person No. 204, Branch 0300 - Plzeň / Civil Engineering Centre, Fire Laboratory, Authorised Person AO 212 and Notified Body NB 1390 , Pražská 16, 102 21 Prague 10 - Hostivař / National Institute of Public Health of the Czech Republic, Šrobárova 48, 100 42 Prague 10 / NSF International / UL / SCS Global Services.

Hradec Králové, 1 June 2021


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