BIANCO SIVEC APPLICATION SPECS

MERMEREN Kombinat

Chemical Properties

An indicative chemical analysis of BIANCO SIVEC® marble is the following:

CHEMICAL COMPOUND		PERCENTAGE
CaO	%	31.71
MgO	%	19.82
SiO_2	%	0.03
TiO_2	%	0.02
Al_2O_3	%	0.03
Fe_2O_3	%	0.01
FeO	%	0.01
MnO	%	0.01
LOI	%	48.02

Physcial Properties

The measurements are based on the relevant German standards (DIN).

	MAX./ MIN. VALUES	AVERAGE VALUES
Resistance to crushing when dry (N/mm²)	191.5 / 143.7	167.6
Resistance to crushing when wet (N/mm²)	182.3 / 133.1	157.7
Resistance to cooling – defrosting (N/mm²)	174.0 / 129.0	151.5
Resistance to bending (N/mm²)	9.33 / 8.14	8.74
Resistance to collision	8 / 10	9
Abrasion rate (cm2/50cm)	40 / 15	27.5
Water absorption rate (%)	0.14 / 0.12	0.13
Special weight (g/cm2)	2.79 / 2.88	2.84
Density (g/cm²)	2. 88 / 2.82	2. 85
Extent of elasticity (MPa)	84.5 / 79.1	81.8
Porosity (%)		0.50

PRODUCT

BIANCO SIVEC® is worldwide known. Its whiteness, homogenous form and the micro-granular structure,combined with the worldwide scarcity of snow-white marble resources make it the preferred choice for many international high-end projects including mosques, hotels, palaces, commercial and residential buildings, villas, artworks etc.

BIANCO SIVEC® can be used in a series of applications including but not limited to cladding of internal/external, vertical/horizontal surfaces (floors and walls), art works, crafting and molding.

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Bianco Sivec 3”x 6”