

Technical description

- Herrljunga XQ
- Italian XQ

Resin-marble is a precast material composed of marble chipping bonded together with special resins and pigments. Produced in standard size blocks (305x124x84 cm) with our ultimate vacuum-technology plants, it is cut in slabs which are suddenly used to realize tiles, stairs, sills. Wall-claddings for interior and exterior use.

Its high resistance to abrasion, shock and flexural strength as well as its chromatic homogeneity, make a suitable material for large areas.

Standard production divides the colours in 2 branches: materials made with large chips which are similar and have the same colour of the marble they are cast with and materials made with micro-size marble chips famous for their higher resistance and their modern look.

PICTURES OF MATERIAL IS MERELY INDICATIVE WITH REGARD TO COLOUR AND STRUCTURE.

	Standard	Unit	Range of values
Density	EN 14617-1:2005	Kg/dm ³	2,50 - 2,60
Water absorption	EN 14617-1:2005	% (Volume)	< 0,2
Flexural strength	EN 14617-2:2008	MPa	11,5 – 24,6
Compressive strength	EN 14671-15	MPa	90 – 120
Resistance to deep abrasion	EN 14617-4:2012	mm	34,5 - 36
Coef. of linear thermal expansion	EN 14617-11:2005	m/m°C	14 – 24 x 10 ⁻⁶
Antislip resistance	UNI EN 14231:2004	SRV	4-47
Combustion reaction	EN 13501-1	-	A2 fl S1
Weight thickness cm. 1,2		kg/m ²	31
Weight thickness cm. 2,0		kg/m ²	50
Weight thickness cm. 3,0		kg/m ²	75
Block size		Cm	305x124x80
Slab size		Cm	305x124
Resistance to chemicals	EN 14617-10:2012	Class	C1
Dimensional stability	EN 14617-12:2012	-	A
Impact resistance	EN 14617-9:2005	W	1 - 2 J