

TECHNICAL DATA SHEET

GENIUS CONCRETE is our line of high-performance SPC (Stone Polymer Composite) flooring available in concrete effect. It comes in a self-locking tile format with a total thickness of 6 mm. GENIUS Concrete has a 0.55mm wear layer and an integrated IXPE foam underlayment, which reduces sound transmission and ensures greater comfort underfoot. Elegance, versatility, durability, ease of installation and maintenance make this line the perfect solution for commercial and residential spaces.

Classification

Typology	EN 10581	Composite PVC flooring
Residential classification	EN ISO 10874	23 Heavy
Commercial classification	EN ISO 10874	33 Heavy

Technical features

Total thickness	EN 24346	6 mm (IXPE 1 mm)
Wear layer		0,55 mm
Weight	EN 23997	10,50 kg/sqm
Pattern		concrete
Surface		polished concrete

Performance

Fire reaction	EN 13501-1	Bfl-s1
Residual indentation	EN 24343	0,1 mm
Slip resistance	DIN 51130	R10
Coefficient of friction	EN 13893	DS Class
Static electrical propensity	EN 1815	< 2kV (Antistatic)
Light resistance	ISO 105-B02	> 6
Wear resistance	EN 660-2	Group T
Dimensional stability	EN 23999	≤ 0,15
Fungi resistance	ISO 846	Grow 0
Resistance to chemicals	ASTM F1700	Pass
Acoustic insulation	EN 10140-3	ΔLw 20DB
Castor chair	ISO 4918	Pass

Indoor air quality and environment

Formaldehyde emission		Class E1 (does not contain formaldehyde)
REACH regulation		Does not contain SVHC substances
TVOC emission	French regulation	A+

Format and dimensions

Tiles	EN 24342	935 x 465 mm
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