

GENiUS Concrete

GENiUS 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, maximum durability, ease of installation, and maintenance make the GENiUS line the perfect solution for commercial and residential spaces.

Technical Data

STRUCTURE

Material	EN 649	Eterogeneous PVC and SPC
Format	EN 426	Tiles
Dimensions	EN 426	935x465 mm
Thickness	EN 428	6.0 mm
Weight	EN 430	10 kg/sqm
Finish		Concrete

SAFETY

Reaction to fire	EN 13501-1	Bfl-s1
Slip resistance	DIN 51130	R10
Friction coeff.	EN 13893	DS class
EU classification		33 – 23 class
Static electrical charge	EN 1815	< 2kV (Antistatic)



PERFORMANCE

Wear layer		0.55 mm
Dimensional stability	EN 23999	≤ 0.15%
Acoustic insulation	EN 10140-3	ΔLw 20DB
Castor chair	ISO 4918	Pass
Residual indentation	EN 433	0.1 mm
Colour fastness	ISO 105-B02	Grade 6
Fungi resistance	ISO 846	Growth 0

INDOOR AIR QUALITY AND ENVIRONMENT

TVOC emission	French Reg.	A+
Formaldehyde emission		Class E1
REACH regulation		Does not contain substances listed in the SVHC list

Notes:

The substrate surface must be smooth, clean, uniform, and compact.

Installation should be carried out at an ambient temperature of at least 18°C, maintaining this condition for 24 hours before and after installation. In addition, it is recommended to install the floor leaving about 1 cm from the perimeter walls for normal thermal expansion.

Direct sunlight can cause expansion, as with any non-glued resilient tile. For particularly large surfaces or complex situations, it is advisable to contact our technical office.

SPC flooring is waterproof and water-resistant, but it is vulnerable to rising damp. If rising damp does not find an outlet between one plank and another, it can damage the floor. Therefore, in the presence of substrates with rising damp, installation can only be carried out after waterproofing the substrate.

