PAVERS | TECHNICAL DATA SHEET | LISTON ®

SELF-LOCKING | **Finishing: QUARTZ AND NATURAL STONE** | **Thickness: H = 3 - 8 cm**

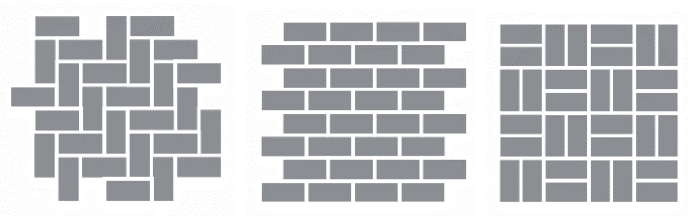
General specification

Products type		**SLAB**		
Regulation Ref.		UNI EN 1339 (Mandatory CE marking. Italian law forbids products trading withour the CE marking)		
Modular sizes		**50 x 100 cm**		
Thickness		**3 cm**	**8 cm**	**---**
Weight (theorical)		**68 kg/mq**	**180 kg/mq**	**---**
Application				---
Packaging	Mq Pallet	**12**	**8**	---
	Kg Pallet ±10 %	**1360 kg**	**1440 kg**	---
Raw materials		Only natural sands and gravel, water, cement (grey and/or white) type ii/A 42.5R, fluidizing, inorganic dyes.		
Concrete and resistance		Vibropressed concrete using pressing fixed plant, with “moist earth” consistency. R’ck not requie.		
PHOTO-CATALYTIC surface (antismog)		**On request, only for “QUARTZ” finishing.**		

TECHNICAL DATA

Surface Finishing		**QUARTZ**	**NATURAL STONE**	**---**
Available thickness		**3 - 8 cm**	**3 - 8 cm**	**---**
Production		Double layer texture: visible surface with polished quartz	Double layer texture: visible surface with marbles and granites	---
Indirect Tensile Strenght (or splitting test) (NOT REQUIRED)		---	---	---
Bending Strenght		> 3,5 N/mmq	> 3,5 N/mmq	---
Slip/ Skid Resistance	USRV method (pendulum)	Satisfactory (≥ 60)	Satisfactory (≥ 55)	---
	BCRA METHOD (fiction coefficient ha sto be μ > 0,40 for “architectonical barriers”)	Excellent (μ ≥ 0,70)	---	---
	DIN 51097 Method (Pool sides. Measure the maximum slid corner of the surface)	Excellent (C class, slipping angle > 25°)	---	---
Weather resistance (water absorption, % by mass paver)		≤ 6%	≤ 6%	---
Resistance to freeze-thaw with de-icing salts (mass loss during freeze/thaw tests: 28 cycles of freeze/thaw between -20°C and +20°C)		≤ 1 kg/mq	≤ 1 kg/mq	---
Abrasion Resistance (lenght of the abraded surface by a rotating disc with abrasive material, after 60 sec.)		≤ 20 mm	≤ 23 mm	---

LAYERING PATTERN



LEGEND

- Light traffic: pavements, pedestrian areas, cycle-lanes
- Moderate Traffic: vehicles up to a 3500 kgs, car parks, occasional traffic
- Heavy traffic: heavy transports running at more than 30 km/h, storage and handling areas
- Ultra heavy traffic: industrial areas with exceptional loads, storage yards

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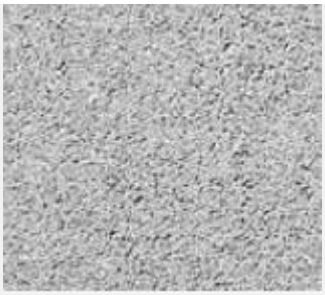
SENINI PAVIMENTI BLOCCHI CORDOLI

"QUARTZ" + "PHOTO-CATALYTIC" (TX Active ®) Notes

- These pavers are able, also thanks to the light, to rot and tear heavy pollutants down, turning them in harmless salts (in particular Nitic Oxids and particulates). Photo-Catalytic efficiency depends on many factors. Laboratory tests guarantee and certify as photo/catalytic "QUARTZ" types in the available colours.

PAVERS General Notes

- **Supplementary requests of previous supplies:** They are satisfied with products of a different lot from the initial one. They can present clear differences in the aspect (grain size of the inerts) and colour.
- **Precautions during the installation phase:** It is recommended to take product from different pallets to guarantee a well-balanced distribution of different colours and/or grain size. .
- **Types of products, data and characteristics:** they may be subject to variations without notification. The weight of the pavers is indicative.
- **Colours:** We invite you to contact the Senini S.r.l. Headoffice to know the available colours on every combination of "format" + "finishing".

DETAILS	FINISHING	COLOURS		
	NATURAL STONE	GRANITO	PORFIDO	COTTO ESTENSE
	QUARTZ	MIX CHIARO	GRIGIO	
		CORTEN	BIANCO MIX	ASIA
	PERMEABLE (6 CM)	GRIGIO	MIX CHIARO	BIANCO MIX

N.B. All the "QUARTZ" formats and colour can be made in the "ECOTOP" version with a minimum order amount (please contact the Senini Head Office for more information).

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