

	STANDARD	DESCRIPTION OF TEST METHOD	TEST RESULTS
BREAKING STRENGTH	ISO 10545-4	Application of a load to the midline of the panel until breakage is obtained	6 mm: 1300 N 12 mm: 12000 20 mm: 20000 N
FLEXURAL STRENGTH TEST	ISO 10545-4	Application of a load to the midline of the panel until breakage is obtained	6 mm \geq 40 N/mm 12 mm \geq 47 N/mm ² 20 mm \geq 50 N/mm ²
Impact resistance	UNI EN ISO 14617-9	Resistance to dropping a 1 kg steel ball on a sample placed on a bed of sand.	COMPLIANT
FIRE REACTION	UNI EN 13501-1	FLOOR RADIANT PANEL TEST	Classe A1fl+A1
STAIN RESISTANCE	ISO 10545-14	see manufacturer's certificate	Classe 5 (Nat. + Soft) Classe 3-4 (Lux)
SCRATCH RESISTANT	UNI EN 15186:2012 met.B	Load > 10N	COMPLIANT (Nat. + Soft Surface)
ABRASION RESISTANCE	ISO 10545-6	<175 mm ³	COMPLIANT
FROST RESISTANCE	ISO 10545-12	REQUIRED	RESISTANT
WATER ABSORPTION	ISO 10545-3	< 0,5%	< 0,5%
RESISTANCE TO DAMP HEAT	UNI EN 12721:2013	55° to 100° cycles	COMPLIANT
RESISTANCE TO DRY HEAT	UNI EN 12722:2013	55° to 100° cycles	COMPLIANT
RESISTANCE TO TO COLD LIQUIDS	UNI EN 12720:2013	Period of contact 10s to 24 h	COMPLIANT
COLORS RESIST TO FADING	DIN 51094	Evaluation of the color changes following a 28 day exposure to ultra violet light	COMPLIANT
SURFACE QUALITY	ISO 10545-2	At least 95% of the tiles must be free from visible flaws	COMPLIANT
TENDENCY TO RETAIN DIRT	UNI 9300:2015	Carbon black staining agent	NO VISIBLE CHANGE

CLEANING AND MAINTENANCE

THESE PRODUCTS HAVE A SURFACE THAT'S RESISTANT TO STAINS, HYGIENIC AND EASY TO MAINTAIN; TO PRESERVE THESE CHARACTERISTICS, THOROUGH CLEANING MUST OCCUR AS SOON AS INSTALLATION IS COMPLETED, ELIMINATING ANY RESIDUES THAT MAY CREATE A FILM ON THE SURFACE OF THE PRODUCT CAPABLE OF RETAINING MORE DIRT.

INSUFFICIENT OR LATE REMOVAL OF GROUT, SILICONE AND ADHESIVES MAY LEAVE RESIDUES THAT ARE DIFFICULT TO REMOVE. INITIAL CLEANING MUST THEREFORE TAKE PLACE IMMEDIATELY AFTER INSTALLATION, USING ACID-BASED PRODUCTS, RUBBING HARD AND RINSING WELL WITH PLENTY OF WATER. ALL DETERGENTS AVAILABLE ON THE MARKET MAY BE USED WITH THE SOLE EXCEPTION OF PRODUCTS CONTAINING HYDROFLUORIC ACID.

STAIN TYPE	DETERGENT TYPE
OIL AND GREASE	ALKALINE CLEANERS
CHEWING GUM	
VINYL GLUE	
SILICONE	
ADHESIVE TAPE RESIDUES	ALKALINE STAIN-REMOVERS OR SOLVENTS
WAX PASTEL MARKS	
NICOTINE	ALKALINE STAIN-REMOVERS OR SOLVENTS
INK	
URINE AND VOMIT	
HAIR DYE	
BLOOD	
COFFEE	
WINE	
COCA COLA	
SUCTION-CUP MARKS	ALKALINE CLEANERS
RUST	ACID CLEANERS OR RUST CONVERTERS
CEMENT-SALTPETRE	ACID CLEANERS OR ACID DESCALER
LIMESCALE	
METAL MARKS	
PENCIL	
EPOXY FILLER	ALKALINE CLEANERS
VARNISH - PAINT	ALKALINE PAINT STRIPPERS OR SOLVENTS
GRAFFITI	
DRY GROUT LINES	ALKALINE CLEANERS
CANDLE WAX	SOLVENTS
BITUMEN	
ROUTINE MAINTENANCE	NEUTRAL CLEANERS
SCRATCH REMOVER WAX	ALKALINE STAIN-REMOVERS OR SOLVENTS

COMPARATIVE TABLE

	PORCELAIN NAT./SOFT FINISH	PORCELAIN LUX FINISH	QUARTS AGGLOMERATES	LAMINATES AND WOOD	SOLID SURFACE	NATURAL STONES	STEEL
HYGIENIC	■ ■ ■	■ ■ ■	■ ■ ■	■	■ ■ ■	■	■ ■ ■
NON POROUS	■ ■ ■	■ ■ ■	■ ■ ■	■	■ ■ ■	■	■ ■ ■
SUITABLE FOR OUTDOORS	■ ■ ■	■ ■ ■	■	■	■ ■	■ ■	■ ■
RESISTANT TO HEAT AND HIGH TEMPERATURES	■ ■ ■	■ ■ ■	■ ■	■	■	■ ■	■ ■ ■
RESISTANT TO MOULD, MILDEW AND FUNGUS	■ ■ ■	■ ■ ■	■ ■ ■	■ ■	■ ■ ■	■	■ ■ ■
STAINPROOF	■ ■ ■	■ ■	■ ■	■ ■	■ ■	■	■ ■ ■
DETERGENT RESISTANT	■ ■ ■	■ ■	■ ■	■ ■	■	■	■
CHEMICAL RESISTANT	■ ■ ■	■ ■	■ ■	■	■ ■	■	■ ■
RESISTANT TO THERMAL SHOCK	■ ■ ■	■ ■ ■	■ ■	■	■ ■	■ ■ ■	■ ■ ■
FROST RESISTANT	■ ■ ■	■ ■ ■	■ ■ ■	■	■	■ ■	■ ■ ■
DAMPNESS RESISTANT	■ ■ ■	■ ■ ■	■ ■ ■	■	■ ■ ■	■	■ ■ ■
UV RESISTANT	■ ■ ■	■ ■ ■	■ ■	■	■	■ ■	■ ■ ■
SCRATCHPROOF AND ABRASION RESISTANT	■ ■ ■	■ ■	■ ■	■	■	■ ■	■
EASY TO CLEAN	■ ■ ■	■ ■ ■	■ ■ ■	■ ■	■ ■	■	■



RELIABILITY AND QUALITY ARE ALSO CONCRETELY SHOWN BY THE SPECIAL WARRANTY LASTING 25 YEARS.

*CERTAIN PRODUCTS MAY NOT APPLY