














TECHNICAL DATA

MANUFACTURER	DURATILE
PRODUCT NAME MODEL AND SIZE TRADEMARK / GRADE	PIETRA 600 x 600 mm x 20 mm
ACCREDITED TEST	STANDARD EN 114411- G

TESTED ITEMS		STANDARDS	TECHNICAL PREREQUISITES	RESULTS
Length		EN ISO 10545.2	$\pm 0,3\% \text{MAX}$ ($\pm 1,0 \text{ mm MAX}$)	CONFORM
Thickness			$\pm 5,0\% \text{ MAX}$ ($\pm 0,5 \text{ mm MAX}$)	CONFORM
Straightness of sides			$\pm 0,3\% \text{MAX}$ ($\pm 0,8 \text{ mm MAX}$)	CONFORM
Rectangularity			$\pm 0,3\% \text{ MAX}$ ($\pm 1,5 \text{ mm MAX}$)	CONFORM
Flatness of the surface			$\pm 0,4\% \text{ MAX}$ ($\pm 1,8 \text{ mm MAX}$)	CONFORM
Water absorption		ISO 10545.3	$\leq 0.5\%$	0,05%
Resistance to bending		ISO 10545.4	$S \leq 700 \text{ N (<7,5 mm)}$ $S \leq 1.300 \text{ N (> 7,5 mm)}$ $R \leq 35 \text{ N/mm}^2$	$S \leq 2700 \text{ N}$ $R \leq 50 \text{ N/mm}^2$
Resistance to shocks		ISO 10545.5	Declared value	0,87
Abrasion resistance		ISO 10545.6	$\leq 175 \text{ mm}^2$	135 mm ²

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TESTED ITEMS		STANDARDS	TECHNICAL PREREQUISITES	RESULTS
Coefficient of linear thermal expansion		ISO 10545.8	—	$a=7 \times 10^{-6}C^{-1}$
Resistance to thermal shock		ISO 10545.9	—	CONFORM
Frost Resistance		ISO 10545.12	—	CONFORM
Resistance to chemicals		ISO 10545.13	UB MIN.	UA ULAUHA
Stain Resistance		ISO 10545.14	Declared value	Class 5
Loss of lead and cadmium		ISO 10545.15	Declared value	< That the limit of the instrument
Slip resistance		DM 23639BCRA	> 0.40	> 0.40
		ASMT C1025	Dry SCOF > 0.60	> 0.85
		ASMT C1025	Wet SCOF > 0.60	> 0.80
		ANSI A137.1	Wet SCOF > 0.42	> 0.70
		DIN 51130	—	R11
		DIN 51097	—	A+B
		ENV 12633	\leq CL1	CL3
		UNI EN 13036 - 4:2011	\leq 36	\leq 36