

Certificate

DATE :11/02/20

ITEM:

SIZE: 60x60

SERIES: MATERIKA

TRADEMARKS: ALFALUX

PHYSICAL PROPERTIES	ISO13006 Group Bla - Requirements	VALUE
ISO 10545/3 WATER ABSORPTION (%)	average value $\leq 0,5$ single value $\leq 0,6$	0,04 0,05
ISO 10545/4 MODULUS OF RUPTURE (N/mm ²)	average value ≥ 35 single value ≥ 32	49,44 49,22
ISO 10545/4 BREAKING STRENGTH (N)	≥ 700 (thickness < 7,5 mm) ≥ 1300 (thickness $\geq 7,5$ mm)	2001
EN 101 SCRATCH HARDNESS Scale Mohs from 1 to 10	≥ 5	8
ISO 10545/6 RESISTANCE TO DEEP ABRASION mm ³	175 max	118
ISO 10545/8 COEFFICIENT OF LINEAR THERMAL EXPANSION from 20°C to 100 °C (10 ⁻⁶ .°C ⁻¹)	TEST METHOD AVAILABLE	6,23
ISO 10545/14 RESISTANCE TO STAINS CLASS from 1 to 5	≥ 3	Chrome green in light oil 5 Iodine, alcoholic solution 5 Olive oil 5
ISO 10545/13 RESISTANCE HOUSEHOLD CHEMICALS AND SWIMMING POOL SALTS CLASS GA - GB - GC	min. GB	1day Amm. Chlor. 100g/l GA 1day Hypochl. Sodi. 20mg/l GA
ISO 10545/13 RESISTANCE TO ACIDS AND ALKALIS (low concentrations) CLASS GLA - GLB - GLC	Manufacturer to state classification	4days Hydrochloric acid 3% GLA 1day Citric acid 100g/l GLA 4days Potass. hydrox. 30g/l GLA
RESISTANCE TO SOILS (internal test) CLASS from 1 to 4 *		1

Signature: Davide Gilli