

TECHNICAL DATA SHEET NEOLITH

PROPERTY	TEST METHOD	3600 x 1200							3200 x 1500	
		3mm	3+	5mm	5+	3+3	5+3	5+5	6+	12mm
THICKNESS		3mm	3+	5mm	5+	3+3	5+3	5+5	6+	12mm
WEIGHT (Kg)	-	32	36	55	59	72	94	116	85	143
BREAKING STRENGTH, AVERAGE (N)	ISO 10545-4	353	430	915	1147	1337	2735	3149	2352	6173
MODULUS OF RUPTURE, AVERAGE (N/mm ²)	ISO 10545-4	48	54	49	59	47	57	47	57	57
WATER ABSORPTION	ISO 10545-3	< 0,1 %								
IMPACT RESISTANCE, AVERAGE	ISO 10545-5	0,8 ⁽¹⁾								
RESISTANCE TO DEEP ABRASION	ISO 10545-6	< 133 mm ³								
THERMAL LINEAR EXPANSION	ISO 10545-8	5,2 – 6,3 10 ⁻⁶ .°C ⁻¹								
RESISTANCE TO THERMAL SHOCK	ISO 10545-9	No Visible Defects								
MOISTURE EXPANSION (mm/m)	ISO 10545-10	≤ 0,1								
FROST RESISTANCE	ISO 10545-12	No Visible Defects								
CHEMICAL RESISTANCE	ISO 10545-13	UHA								
STAIN RESISTANCE	ISO 10545-14	Class 5								
LEAD AND CADMIUM GIVEN OFF BY TILES	ISO 10545-15	Lead: <0,01 mg · dm ⁻² Cadmium: < 0,001 mg·dm ⁻²								
HARDNESS (MOHS SCALE)	UNE 67-101	> 6								
ANTI SLIP PROPERTY ⁽²⁾	DIN 51330	R9								
STATIC FRICTION COEFFICIENT ⁽²⁾	ASTM C1028	Dry 0,76 - 0,94 Wet 0,43 - 0,67								
REACTION TO FIRE	DIN EN 13823	Neolith: A1 Neolith+: A2-s1,d0								
UV RESISTANCE	DIN 51094	No Alteration								

(1) Pavement requirement, not applicable to Neolith 3mm, 3+, 3+3, 5+3 and 5+5.

(2) Anti-slip properties can be adjusted on request.