Density	ASTM D2395:2002	approx. 1.46 g/cm³
Coefficient of Linear Thermal Expansion	ASTM D696	3.6x10(-5) 1/K
Water Absorption & Humidity	ASTM D1037:2006a	Little up to no water absorption (only surface moistening)
Weathering and UV Resistance	QUV Test	With glaze treatment, Resysta surfaces are extremely resistant
Slippery Test (wet area barefoot)	DIN 51097	Class C (highest class)
Fire Rating	EN ISO 11925-2	B2 (E) - standard flammable (with additional treatment B1 reachable)
Fire rating according NFPA (US Norm)	ASTM E84	Class A (flame propagation 25, smoke emission 450)
Fire rating (British standard)	BS 476 Teil 6&7	class 1
Durability - Resistance against wood-destroying fungi	DINV ENV 12038:2002	no attack by the test fungi, highest durability class 1 (very durable)
Emission	LGA-tested safety & contamination	LGA test passed
Brinell Hardness (HB)	EN 1534	11,762 psi
Coefficient of sliding and friction - untreated	EN 13893	0,46
Coefficient of sliding and friction - with 2K varnish	EN 13894	0,52
Axial Witdrawal Force (of Screws)	EN 320.2011-07	5777 N
Thermal Conductivity	EN 12664	0.199 W/(mK)
Water Vapour Transmission	DIN EN ISO 12572	μ=1300 -> sd 7.22m diffusion blocking
Bending Strength	ISO 178	6,672 psi
Bending Modulus	ISO 178	558,395 psi
Tensile Strength	ISO 527	3,162 psi
Tensile Modulus	ISO 527	339,388 psi
Shearing Strength	ISO 527	2,437 psi
Durability - Resistance against rotting fungi	CEN/TS 15083-2	no attack by the test fungi, highest durability class 1 (very durable)
Durability against mold and wood discoloring fungi	EN 15534-1:2012	Durability against the wood discoloring fungi (very durable)
Durability against subterranean Termites	ASTM D3345-08	High Durability against subterranean Termites - nearly no weight loss
specific surface and volume resistances	DIN IEC 60093 measuring voltage 100 V	surface resistance Rx=8,0*10(13) Ω Specific surface resistance α=8,1*10(14) Ω volume resistance Rx=2,2*10(13) Ω Specific volume resistance α=6,3*10(14) Ω