Technical data sheet

Product: **TSAS3010**	Serie: **Taurus Color**
Color: **ivory 10 Ivory**	Norm: **EN 14411:annex G, Bla**
Nominal size: **60x7,2 cm**	Declaration: **T 21.01**
Declared size: **598x72x9 mm**	Group of goods: **tile sintered UGL - skirting**
Edge shaping: **rectified**	Product type: **skirting plinth**
Surface: **flat matt**	

Technical characteristics	**Norm**	**EN 14411:annex G Bla**	**LB/RAKO**
Tolerance - Length/width	ISO 10545-2	± 0.6%	± 0.4%
Tolerance - Thickness	ISO 10545-2	± 5%	± 5%
Tolerance - Straightness	ISO 10545-2	± 0.5%	± 0.25%
Tolerance - Rectangularity	ISO 10545-2	± 0.6%	± 0.3%
Tolerance - Surface flatness	ISO 10545-2	± 0.5%	± 0.25%
Surface quality	ISO 10545-2	Min. 95%	Min. 95%
Water absorption	ISO 10545-3	E<0.5%,ind.max 0,6%	E<0.3%,ind.max 0,4%
Breaking strength	ISO 10545-4	>= 7,5 mm min. 1300 N < 7,5 mm min. 700	>=1300 N
Modulus of rupture	ISO 10545-4	Min. 35 N/mm2 Ind.min. 32 N/mm2	Min. 40 N/mm2 Ind.min. 32 N/mm2
Resistance to deep abrasion (UGL)	ISO 10545-6	Max. 175 mm3	Max. 135 mm3
Coefficient of linear thermal expansion	ISO 10545-8	Declared value	Max. 0,000008 / K
Thermal shock resistance	ISO 10545-9	Required	Resistant
Crazing resistance	ISO 10545-11	Required	Resistant
Freeze-thaw resistance	ISO 10545-12	Declared value	resistant
Durability for: internal use	EN 14411	Pass	Pass
Slipperiness (bare feet)	EN 16165	Declared value	not relevant
Slipperiness (shod feet)	EN 16165	Declared value	not relevant
Coefficient of friction (dry)	EN 16165	Declared value	
Coefficient of friction (wet)	EN 16165	Declared value	
Discharge volume	DIN 51 097	Declared value	not relevant
Bond strength/adhesion-cem. adhesives	EN 12004:2007+A1:2012	Declared value	>=1,0 N/mm2
Bond strength/adhesion-dispers. adhesiv.	EN 12004:2007+A1:2012	Declared value	NPD*
Bond strength/adhesion-rea. resin adhes.	EN 12004:2007+A1:2012	Declared value	NPD*
Bond strength/adhesion-mortar	EN 12004:2007+A1:2012	Declared value	NPD*
Moisture expansion	ISO 10545-10	Declared value	0,2 mm/m
Light reflectance value LRV	ISO 10545-18	Not required	
Impact resistance: Coef. of restit.	ISO 10545-5	Declared value	Min. 0,6
Reaction to fire	no testing 96/603 EHS	Class A1-A1FL	Class A1-A1FL
Tactility	CEN/TS 15209	Declare surface description	not relevant
Resistance to staining	ISO 10545-14	Declared value	Min. 3
Resistance to low conc.of acids/alkalis	ISO 10545-13	Declared value	A
Resistance to high conc.of acids/alkalis	ISO 10545-13	Declared value	A
Resist. to house. chem. and swim. pool	ISO 10545-13	Min. B	A
Release of dang.subs.: Cadmium (GL)	ISO 10545-15	Declared value	NPD*
Release of dang.subs.: Lead (GL)	ISO 10545-15	Declared value	NPD*
Surface hardness according to Mohs	EN 101	Declared value	Min. 7
The reference life (RSL)	ISO 14 025/EN 15804	50 years	50 years
Assessment of nat.radionuclide content	CZ Imp.422/2016	Max. index 1,0	Max. index 1,0

* No Performance Determined – NPD