

Product properties		Avatara PRO	
Dimension:		1290 x 253 x 2,5 mm	1190 x 595 x 2,5 mm
Groove:		Micro bevel	
Gloss level:		supermatt	
packaging	package:	14 pieces per pack (ca. 4,569 m ²)	8 pieces per pack (5,664 m ²)
	pallet:	39 packs per pallet (ca. 178,191 m ²)	36 packs per pallet (203,918 m ²)
Weight	package:	ca. 17 kg	ca. 21 kg
	pallet:	ca. 677 kg	ca. 766 kg

Tolerances: Requirements ISO 19322			
Thickness of Wear Layer	$\phi \leq + 13\%$ $\phi \geq - 10\%$	Thickness of the element, t [mm]	+ 0,13 / - 0,10 mm
Squareness, q [mm]	max. $\leq 0,25$	Length of the surface layer, l [mm]	$\leq 0,13\%$ max. 0,5 mm
Straightness, s [mm/m]	max. $\leq 0,35$	Width of the surface layer, w [mm]	$\leq 0,13\%$ max. 0,5 mm
Dimensional change due to temperature variations [%] (Heat treatment 6h at 50 °C)	$\leq 0,25\%$ (Dimensional stability) ≤ 2 mm (Bending)	Surface weight	$\phi \leq + 13\%$ $\phi \geq - 10\%$

Product construction

- 1a) Supermatte soft-touch surface texture
- 1b) Elastic functional layer
- 2) Digital printing in HD-Quality
- 3) Micro-levelling with primer
- 4) Talcusan baseboard

Warranty (according to separate terms of warranty)	domestic usage 30 years commercial usage 10 years	Note
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Classification

	Test standard	Valuation
Usage class 23 Heavy domestic use	EN 10874	23
Usage class 34 heavy commercial use	EN 10874	34
Usage class 42 Moderate industrial use	EN 10874	42
Reaction to fire	EN 13501-1	Bfl - s1
Slip resistance	EN 13893 DIN EN 16165	DS R10 (for Tile Decors) R 11 (for Wood Decors)
Light fastness	EN ISO 105-B02	Blue scale Grade ≥ 6
Elektrostatic behaviour	EN 1815	not antistatic
Formaldehyde emission	EN 16516	not added
Thermal resistance	EN 12667	$R \leq 0,013$ (m ² K)/W
Underfloor heating- hot water and electrical	EN 1264-2	Suitable with a maximum surface temperature of 27°. Electric panel heating with soft heating technology and temperature control unit are suitable as well.
Stain resistance	EN 438-2	Group 1 + 2 = degree 5 Group 3 = degree 4
Swelling in thickness	ISO 24336	no swelling
Effect of a furniture leg	ISO 16581	No visible damage with type 2 (100 kg)
Resistance to chair castors	ISO 4918	no visible changes or impact with type W (25.000 cycles)
Impact stress resistance	EN 13329	≥ 1600 mm
Abrasion resistance	ISO 24338 (Method A)	≥ 4000 U
Imprint after constant loading	EN ISO 24343-1	$\leq 0,10$ mm
Antibacterial properties	ISO 22196	Antibacterial
Scratch resistance	ISO 19322 (Annex A)	≥ 3
Micro-scratch resistance	EN 16094	\leq MSR - A2
PCP content	CEN/TR 14823	PCP free

*Resistant to brief exposure to customary and common oils, acids, greases and alkalis. Staining substances may cause permanent, non-removable discoloration.