

# Technical Data



## Pro+ Mat Under Armour For Tiled Floors 550 g/m<sup>2</sup>

	Characteristic	Norm / Method	Unit	Pro+ Mat
<b>Core Product</b>	Raw material	---	---	Polyethylene, Polypropylene
	Color	---	---	Yellow
	Basis weight	DIN EN 12127	g/m <sup>2</sup>	550
	Total height product	---	Mm	3
	Number of knobs	---	piece/m <sup>2</sup>	2.500
	Air volume between d. Pimples	---	l/m <sup>2</sup>	1,56
	Dimensions	---	m	1,00 x 30,00 1,00 x 10,00 1,00 x 5,00
	Watertightness	DIN EN 1928:2000-07	---	waterproof
	Tensile strength	EN ISO 10319:2008-10	kN/m	10 (MD) 9.5 (CMD)
	Maximum tensile elongation	EN ISO 10319:2008-10	%	65 (MD) 63 (CMD)
	Tensile strength	DIN EN ISO 13859-1:2014-07 Appendix A Sample width 100 mm	N	1.060 N (MD) 800 N (CMD)
	Maximum tensile elongation	DIN EN ISO 13859-1:2014-07 Appendix A Sample Width 100 mm	%	58 (MD) 53 (CMD)
	Crack bridging joint crack	internal		
	Tile detachment		Mm	3,5 4,5
<b>General</b>	Temperature resistance	---	°C	-40 – +80
	Storage	---	---	protected <b>from</b> UV radiation
	Impact sound insulation	DIN EN ISO 10140	Db	6,2
	Physiological characteristics	---	---	Harmless to drinking water, resistant to chemicals Root-proof, rot-proof  resistant to fungal and bacterial attack

All information is approximate. Since Tile Rite cannot guarantee special applications, a corresponding suitability test must always be carried out by the customer.

# Technical Data



## Pro+ Mat Under Armour For Tiled Floors 550 g/m<sup>2</sup>

Property	Standard / Norm	Unit	Pro+ Mat	
<b>Core Product</b>	Resin	---	---	Polyethylene, Polypropylene
	Colour	---	---	Blue
	Area weight	DIN EN 12127	g/m <sup>2</sup>	550
	Dimple height	---	Mm	3
	Dimple spacing	---	pcs/m <sup>2</sup>	2,500
	Air gap (between dimples)	---	l/m <sup>2</sup>	1.56
	Dimension	---	m	1.00 x 30.00 1.00 x 10.00 1.00 x 5.00
	Water tightness	DIN EN 1928:2000-07	---	waterproof
	Tensile strength	EN ISO 10319:2008-10	kN/m	10 (MD) 9.5 (CMD)
	Strain at maximum load	EN ISO 10319:2008-10	%	65 (MD) 63 (CMD)
	Tensile strength	DIN EN ISO 13859-1:2014-07 Appendix A sample width 100 mm	N	1,060 N (MD) 800 N (CMD)
	Strain at maximum load	DIN EN ISO 13859-1:2014-07 Appendix A sample width 100 Mm	%	58 (MD) 53 (CMD)
	crack bridging joints crack Tiles peeling off	internal	Mm	3.5 4.5
<b>General</b>	Service temperature range	---	°C	-40 – +80
	Storage	---	---	protect from UV radiation
	Impact sound reduction	DIN EN ISO 10140	Db	6.2
	Physiological properties	---	---	inert to drinking water resistant to a wide range of chemicals resistant to fungus and bacteria attack impervious to root penetration red proof

All figures are to be understood as approximate values.

Evaluation of suitability for any specific application is always the sole responsibility of the customer.