

Technical data Gartenprofil 3000 / Gartenprofil PRO

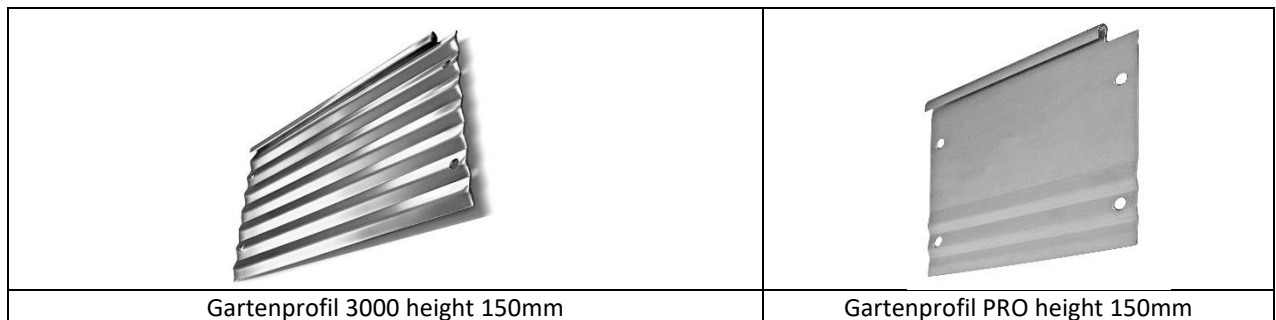
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Material	
3000-S	Nirosta® stainless steel 1.4016 / chrome steel (share of chrome 16,5%)
3000-W	Nirosta® stainless steel 1.4301 / chrome-nickel steel (share of chrome 18%, share of nickel 8,5%)
3000-Z	Galvanized steel DX51D+z275MA-C
3000-AL	Aluminum WG-B57S
3000-CT	Corten steel S355J2WP



Material thickness		Tensile strength	
3000-S	1,50 mm	3000-S	600 - 700 N/mm ²
3000-W	1,50 mm	3000-W	1200 - 1300 N/mm ²
3000-Z	2,00 mm	3000-Z	250 - 400 N/mm ²
3000-AL	2,00 mm	3000-AL	200 N/mm ²
3000-CT	2,00 mm	3000-CT	700 N/mm ²

Profile height		
	Gartenprofil 3000	Gartenprofil PRO
3000-S	Profile height 100mm / 150mm / 200mm / 300mm	Profile height 150mm
3000-W	Profile height 150mm / 300mm	-
3000-Z	Profile height 100mm / 150mm / 200mm / 300mm	Profile height 150mm, 200mm
3000-AL	Profile height 100mm / 150mm	-
3000-CT	Profile height 100mm / 150mm / 200mm	Profile height 150mm, 200mm



Wave profiling – bending strength

The wave profiling gives the profiles very high bending strength, which is approx. 8 times higher than smooth material (TÜV Süd material report - see also the QR code attached at the top right). The transverse grooves also ensure stability in the ground. They prevent the profile from rising or falling when exposed to frost. The profile grows into the ground. Up to 10 metres can be laid per man/h depending on soil conditions and installation method.

Visible width

Profile heights 100mm, 150mm, 200mm and 300mm have a rounded top edge. Chrome steel profiles with a height of 300mm, the bottom edge is also rounded. The visible width of the rounded top edge is 10 mm.

Flexible and malleable

Longitudinal profiles can be bent from a length of 180 cm. The lower the profile height and the longer the profile, the easier it is to bend.

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