

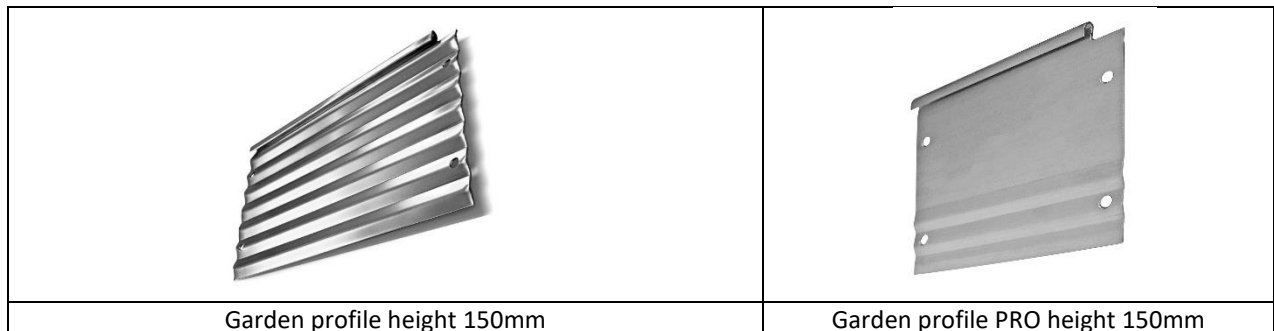
Technical data: Garden profile / Garden profile PRO

Stand: 01/2025

Material	Strength	Tensile strength
S Nirosta® stainless steel 1.4016 is a chrome steel (chromium content 16.5%)	1,5mm	600 - 700 N/mm ²
W Nirosta® stainless steel 1.4301 is a chrome-nickel steel (chromium content 18%, nickel content 8.5%)	1,5mm	1200 - 1300 N/mm ²
Z galvanised steel DX51D+z275MA-C	2,0mm	250 - 400 N/mm ²
AL Aluminium WG-B57S	2,0mm	200 N/mm ²
CT terra-S antique steel, corten steel material S355J2WP	2,0mm	700 N/mm ²



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



Wave profiling - Bending strength

The wave profiling gives the profiles very high bending strength, which is approx. 8 times higher than that of standard material (TÜV Süd material report - see also QR code). The transverse grooves ensure stability in the ground and prevent the profile from rising even when exposed to frost. The profile grows into the ground or anchors itself in the concrete foundation.

Visible width

All profile heights have a rounded top edge. The visible width of the top edge is 10 mm and protects against injuries and also prevents damage to robotic lawnmowers.

Flexible and mouldable

Length profiles can be bent from a length of 180 cm or are pre-bent on customer request.

Installation situation (see reverse for illustrations / descriptions)

Installation situation



Profile installation without ground anchor in concrete foundation (point foundation)



Profile installation without ground anchor in concrete foundation (strip foundation)