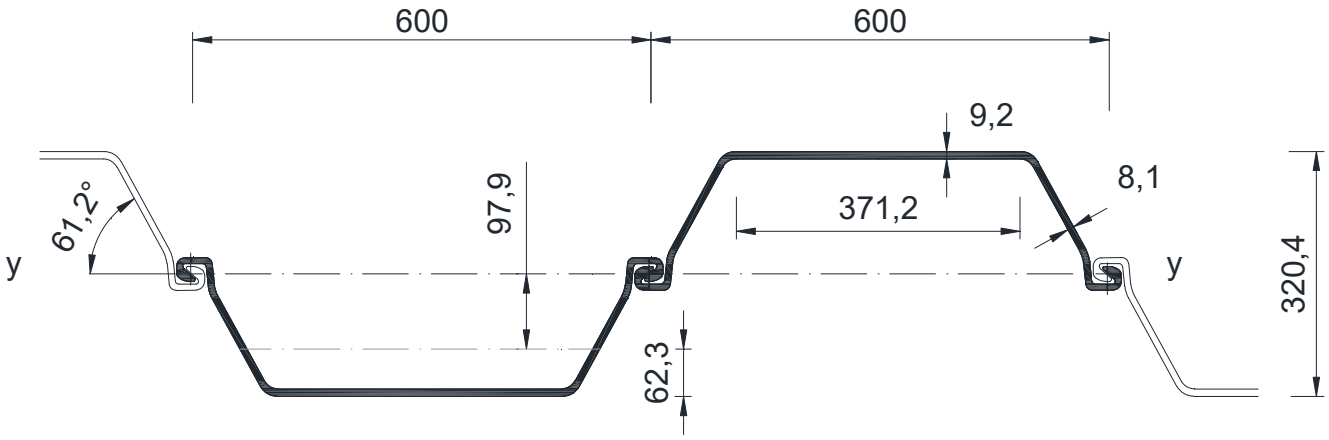
terra infrastructure

terra infrastructure GmbH
Hollestraße 7a
45127 Essen

data sheet

steel sheet pile tkL 603 AN



	cross section area	weight	moment of inertia	elastic section modulus	radius of gyration	coating area *
	[cm^2]	[kg/m]	[cm^4]	[cm^3]	[cm]	[m^2/m]
single pile	79,5	62,4	3.539	298	6,67	1,72
double pile	158,9	124,7	22.321	1.393	11,85	3,31
triple pile	238,4	187,1	30.941	1.604	11,39	4,90
per m wall	132,4	104,0	18.601	1.161	11,85	2,76 **

The given statical values “per meter wall” require that at least every second interlock is connected and shear forces can be absorbed!

classification according to DIN EN 1993-5:2010				
steel grade	S 270 GP	S 355 GP	S 390 GP	S 430 GP
class	3	4	4	4

* Coating area of the unwound surface on both sides, excluding inside of the interlocks!

At the end will be calculated the coating areas of the single, double or triple piles, depending on the order.

** based on coated double piles

01.06.2022