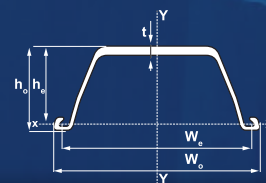




SYS Steel Sheet Pile



TIS 1390-2566 (2023)

Available in Grade (Grade SY295, SY390, SYW295, SYW390, SYW430)

Section	Dimensions					Weight		Sectional Area	Surface Area	Moment of Inertia		Section Modulus	
	w _s	w _o	h _s	h _o	t	per pile	per wall width	per pile	per meter	per pile	per wall width	per pile	per wall width
	mm	mm	mm	mm	mm	kg/m	kg/m ²	cm ²	sq.m./m.	cm ⁴	cm ⁴ /m	cm ³	cm ³ /m
SP-II	400	437.5	100	122.5	10.5	48.0	120.0	61.18	1.350	1,240.0	8,740	152.0	874.0
SP-III A	400	437.5	150	170.0	13.1	58.4	146.0	74.40	1.460	2,790.0	22,800	250.0	1,520.0
SP-III	400	439.0	125	149.0	13.0	60.0	150.0	76.42	1.435	2,220.0	16,800	223.0	1,340.0
SP-IV	400	443.0	170	193.5	15.5	76.1	190.0	96.99	1.612	4,670.0	38,600	362.0	2,270.0

Permanent Structure

SP-II & SP-III A



Temporary Structure

SP-III & SP-IV



Mechanical Properties

Classifications		Yield Point (N/mm) ² min.	Tensile Strength (N/mm) ² min.	Elongation% min.	Temp. °C	Impact (t ≥ 12 mm)		
						Energy J (min.)		
						10 mm x 10 mm *	10 mm x 75 mm *	10 mm x 5 mm *
TIS 1390-2566 (2023)	SY295	295	450	18	-	-	-	-
	SY390	390	490	16	-	-	-	-
	SYW295	295	450	18	0	43	32	22
	SYW390	390	490	16	0	43	32	22
	SYW430	430	510	14	0	43	32	22

Remark * Shape and dimensions of test specimens

Project Reference

River Bank Protection



Flood Wall Protection



Temporary Work



Additional Service by STEEL¹solution by SYS



Coated Sheet Pile



Galvanized Sheet Pile



Drilling



Chamfering