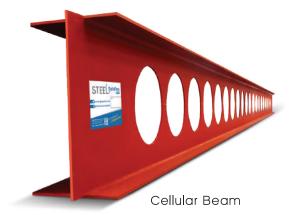
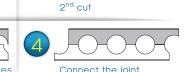
Cellular Beam & Castellated Beam









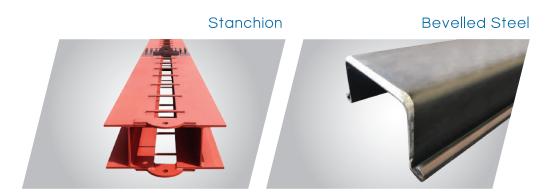
- Coating with STS P
- Curved &Taper
- Filled Opening
- Fabrication with Bolted Connection

*Remark: Customized design is available. Please provide drawing to discuss further

2 BUILDING STRUCTURE









Siam Yamato Steel Co., Ltd. (SYS)

1 Siam Cement Road, Bang Sue, Bangkok 10800 SYS Call Center +66 2586-7777 Fax +66 2586-2687









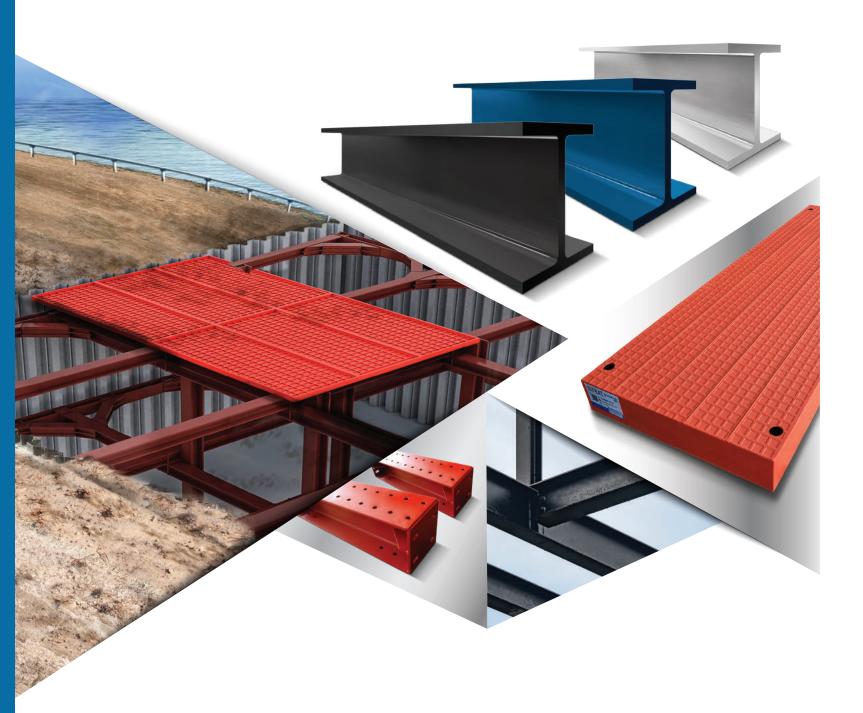












STEELSOLUTION PRODUCTS

Standard Series

Surface Preparation: Blast cleaning frade Sa2,5

(Complying with ISO 8501–1 Standard)

PRIMER PAINT : Special Alkyd

Dry Film Thickness (D,F,T,) 80 micron

Premium Series

Surface Preparation: Blast cleaning frade Sa2,5

(Complying with ISO 8501–1 Standard)

PRIMER PAINT : Epo:

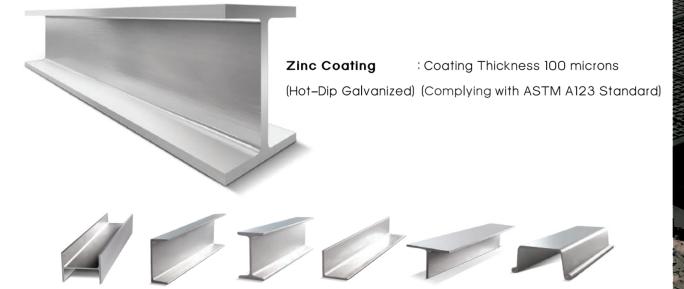
: Dry Film Thickness (D,F,T,) 100 micron

CUSTOMIZED COATING (Coated for Rust Protection)

Surface preparation: Blast cleaning coating with any painting



2 GALVANIZED STEEL



STEEL DECK



Steel Deck 1,5 x 6,0

Size : 1.5 x 6.0 x 0.25 m.

Weight: 2,037 kg/Pc

*Remark: Customized design is available.

Please provide drawing to discuss

further

Steel Deck 1x3 m, & 1x2 m, (With Grid Pattern Surface)

Product Specification: (Made from Checkered Beam)

Size	Checkered Beam	Weight/Pc
1.0x3.0x0.2 m.	CH 196x197x37.2 kg/m	626 kg
1,0x3,0x0,2 m,	CH 194x197x32.7 kg/m	558 kg
1.0x2.0x0.2 m.	CH 196x197x37,2 kg/m	426 kg
1.0x2.0x0.2 m.	CH 194x197x32,7 kg/m	381 kg

*Available grade: SS400, SM490, S355JR and other

Research on SYS Standard Steel Deck

By CHULA SINGINEERING Foundation toward Innovation

	At deflection limit (L/360)		Approximated	At stress li	mit (0.5fy)	Approximated
Specimen	Force at the midspan (kN)	Bending moment (kN-m)	Uniform load (kN/sq.m.)	Force at the midspan (kN)	Bending moment (kN-m)	Uniform load (kN/sq.m.)
3,0-m-long Steel Deck	400	280	286	273	191	195
6,0-m-long Steel Deck	394	571	91	252	365	58

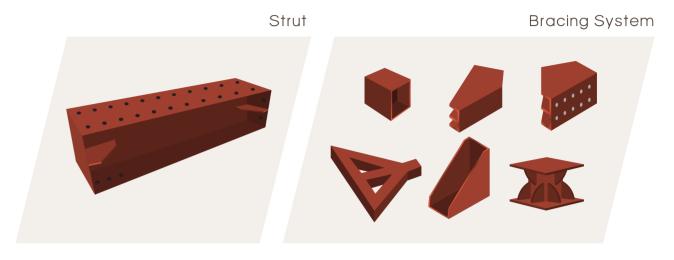
Steel Deck 1,0x3,0 m, Steel Deck 1,5x6,0 m,

2 CHECKERED BEAM (With Grid Pattern Surface)

*Available grade: SS400, SM490, S355JR and other

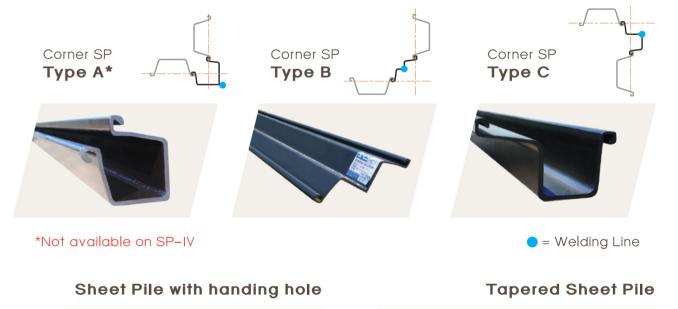
	НхВ	t,	t ₂	r	Area	Weight	I _x	l _y	I _x	l _y	Z _x	Zy
	mmxmm	mm	mm	mm	cm ²	kg/m	(cm ⁴)	(cm ⁴)	(cm)	(cm)	(cm ³)	(cm ³)
	194x197	5	7	13	41.7	32.7	2,997	1,037	8,5	5	309	105
ſ	196x197	6	8	13	47.4	37.2	3,409	1,165	8,5	5	348	118

3 STRUT, WALE AND BRACING SYSTEM

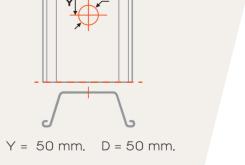


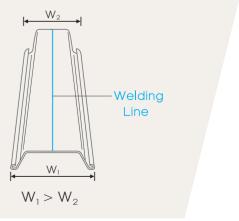
*Remark : Customized design is available. Please provide drawing to discuss further

CORNER SHEET PILE (FABRICATED SHEET PILE)









*Remark: Customized design is available. Please provide drawing to discuss further