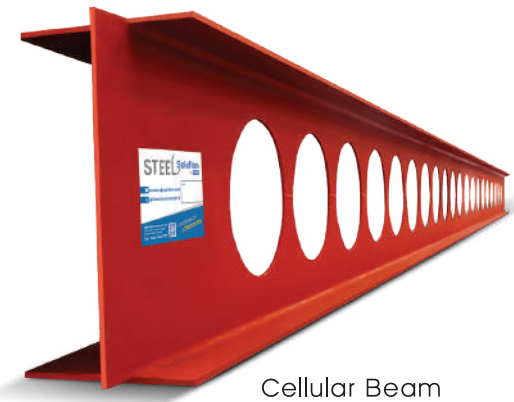


1 Cellular Beam & Castellated Beam

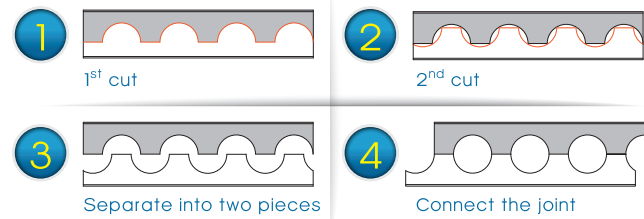


Cellular Beam



Castellated Beam

Cutting & Welding @Factory



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

Additional Services

- Coating with **SYS PRIMER BOND**
- Curved & Taper
- Filled Opening
- Fabrication with Bolted Connection

2 BUILDING STRUCTURE

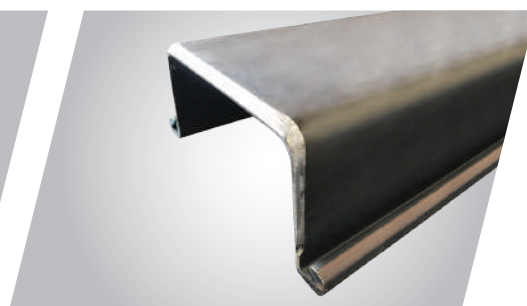


3 CUSTOMIZED FABRICATED STEEL

Stanchion



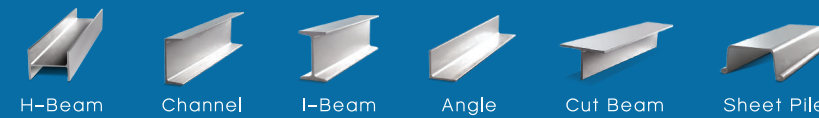
Bevelled Steel



Siam Yamato Steel Co., Ltd. (SYS)

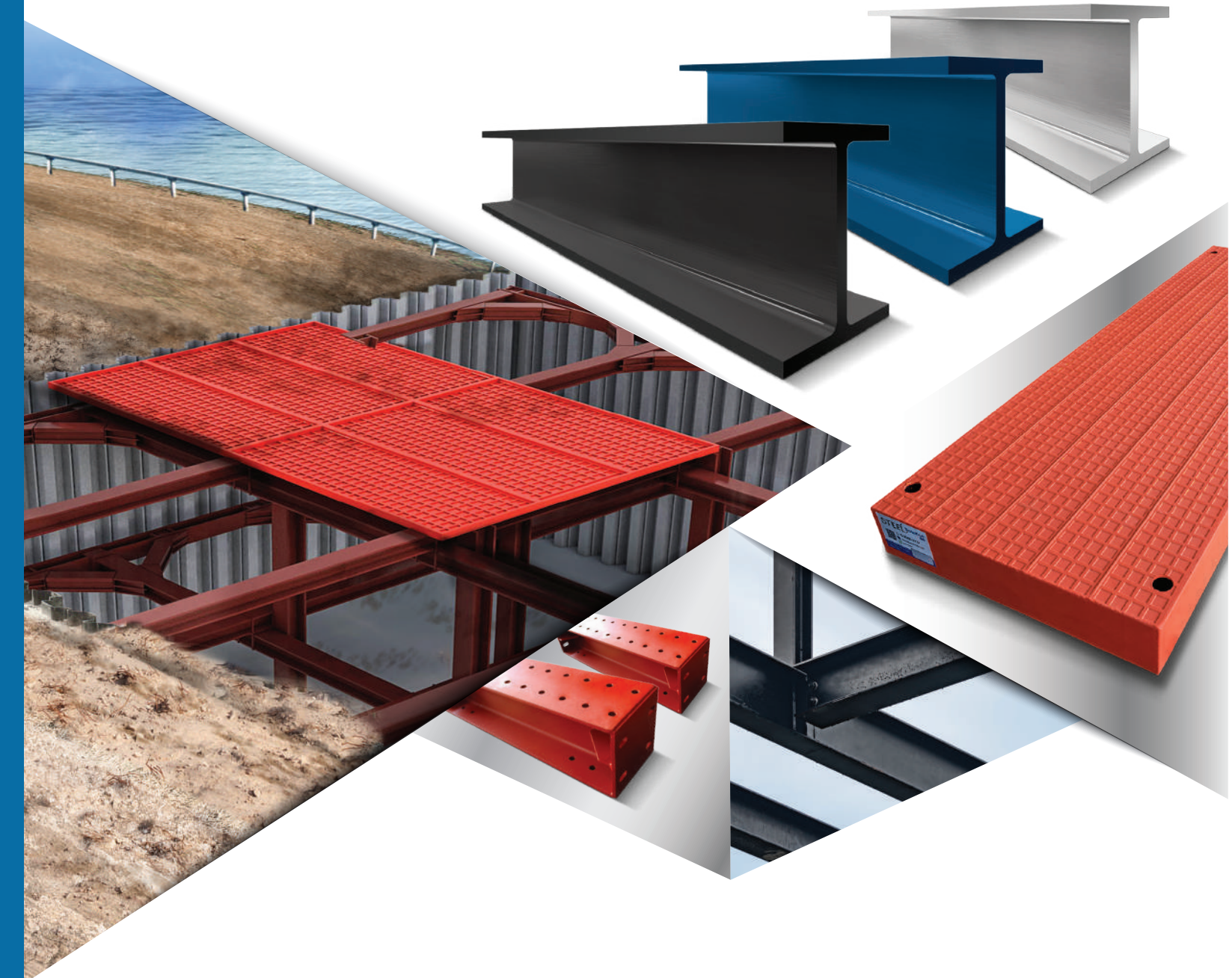
1 Siam Cement Road, Bang Sue, Bangkok 10800
SYS Call Center +66 2586-7777 Fax +66 2586-2687

✉ solution@syssteel.com @steelsolutionbysys @syssteel



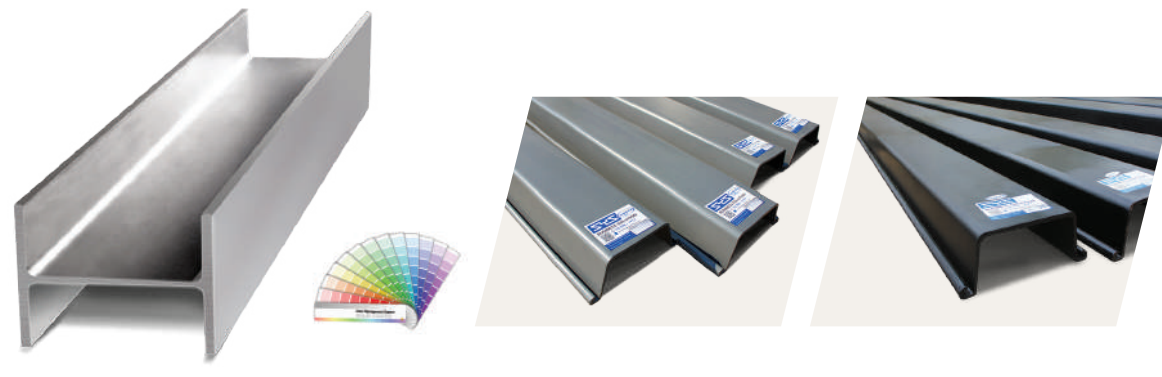
www.syssteel.com

STEEL **Solution**
by **SYS**



STEEL SOLUTION PRODUCTS

1 COATED STEEL



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

Specimen	At deflection limit (L/360)		Approximated	At stress limit (0.5fy)		Approximated
	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

2 CHECKERED BEAM (With Grid Pattern Surface)

*Available grade : SS400, SM490, S355JR and other

HxB	t ₁	t ₂	r	Area	Weight	I _x	I _y	I _x	I _y	Z _x	Z _y
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
196x197	6	8	13	47,4	37,2	3,409	1,165	8,5	5	348	118