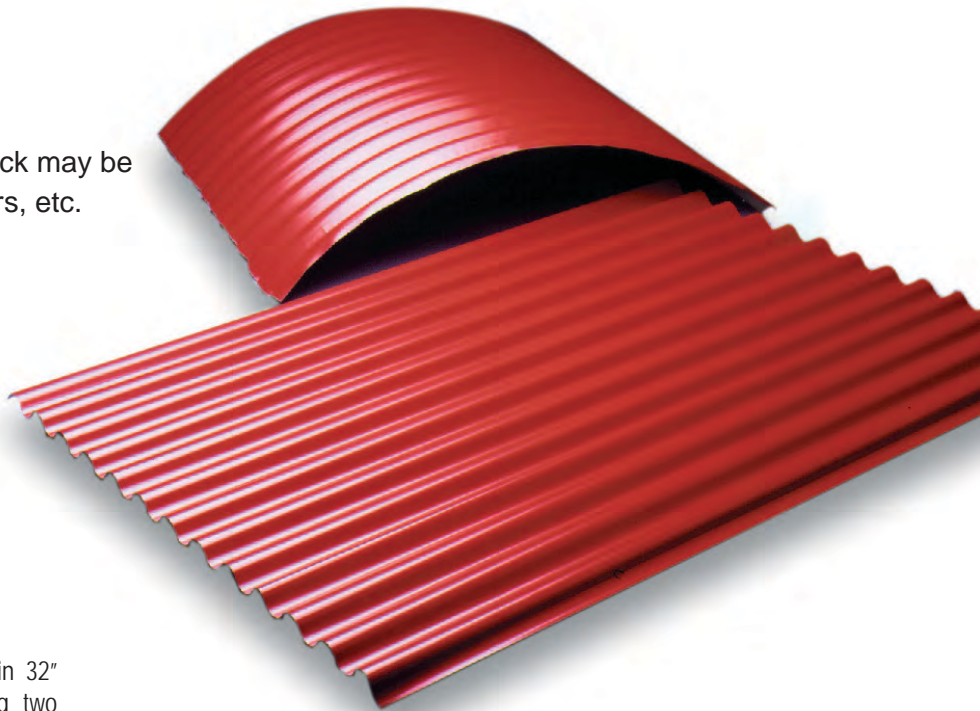


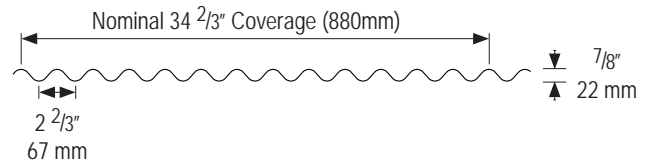
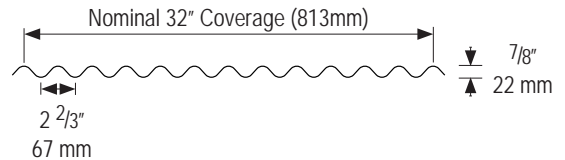
Berridge S-Deck

Corrugated structural metal decking. S-Deck may be curved for covered walkways, shelter covers, etc.

- Rigid 24-gauge or 22-gauge steel
- Vertical and horizontal applications
- 32" panels can be factory curved
- Minimum 5' radius for curved panels (10' min. radius for 22GA)
- ASTM E-1592 tested
- Florida Product Approval
- UL 790 fire rating
- UL 2218 class 4



Curved S-Deck Notes: Curved S-Deck is available in 32" exposure panels only. Berridge recommends lapping two corrugations on panel side laps when using curved S-Deck. Exposure will be 29-1/3" with two laps or 32" with one lap. Add 6" to 8" extra to all panel lengths for Curved S-Deck.



24 GAUGE S-DECK SECTION PROPERTIES					
GAUGE	INCHES	WT. (PSF)	FY (KSI)	I _x (in ⁴ /ft)	M _A (ft-lbs/ft)
24	.024	1.24	40	0.0326	144.9

MATERIAL THICKNESS (INCHES)	DEAD + LIVE LOAD (STRESS)					LIVE LOAD DEFL. (L/240)						
	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"
.024	215	149	110	83	66	53	257	149	94	63	44	32

22 GAUGE S-DECK SECTION PROPERTIES					
GAUGE	INCHES	WT. (PSF)	FY (KSI)	I _x (in ⁴ /ft)	M _A (ft-lbs/ft)
22	.030	1.55	40	0.0408	180

MATERIAL THICKNESS (INCHES)	DEAD + LIVE LOAD (STRESS)					LIVE LOAD DEFL. (L/240)						
	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"
.030	266	185	136	104	82	66	269	187	118	79	55	40

NOTES:

1. Section Properties and Allowable Stresses have been calculated in accordance with the 2007 AISI Specifications for the Design of Cold-Formed Steel Structural Members.
2. Panel steel conforms to ASTM A792 Structural Steel Grade 40.
3. Values shown as allowable loads are based on panels covering three equal continuous spans. Multiply the values by 0.85 for two span dead & live load (stress).
4. The Panel weight has been deducted from the allowable load tables.



Berridge Manufacturing Company
 6515 Fratt Road
 San Antonio, Texas 78218
 (800) 669-0009 • www.berridge.com