

Berridge Curved & Straight "S" Deck

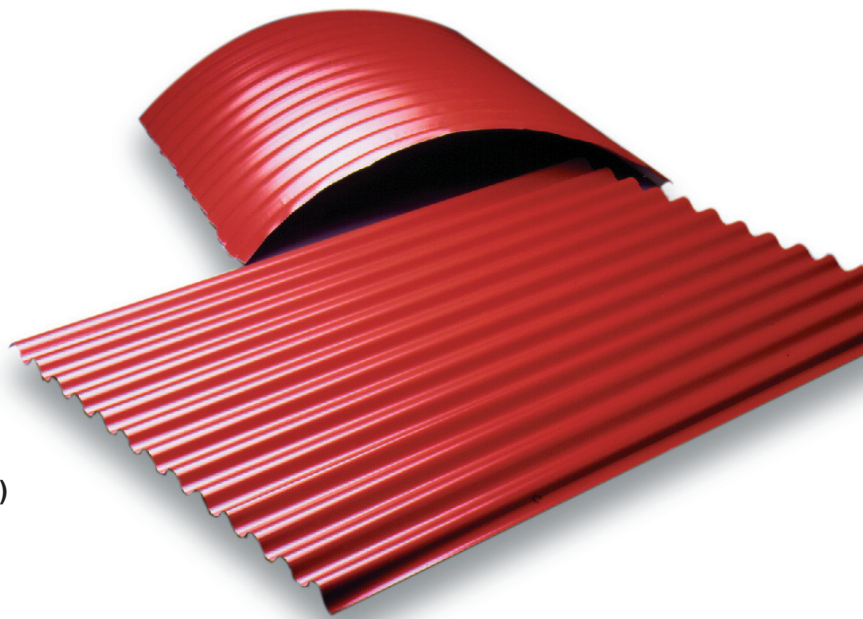
Corrugated Structural Metal Sheathing

Berridge S-Deck may also be curved* for covered walkways, shelter covers, etc.

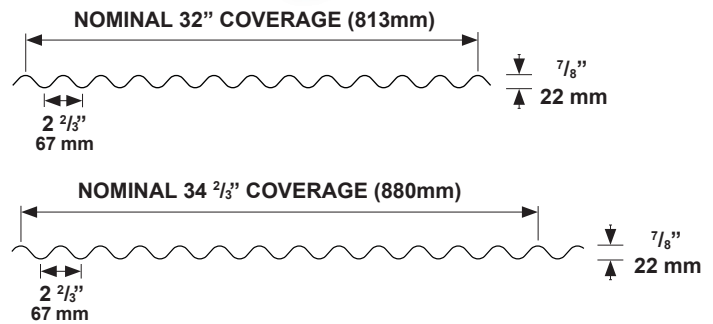
- Rigid 24GA steel, inquire for 22GA availability
- Vertical and horizontal applications
- Can be smoothly curved (must be curved at factory)
- Minimum 5' Radius

* Curved panel available in 32" exposure only

For specific job application recommendations, please contact Berridge Technical Department 1-800-231-8127



Berridge "S" Deck may be used for either curved barrel vault or straight substrate decking or sheathing.



SECTION PROPERTIES

THICKNESS		WT. (PSF)	FY (KSI)	I _x (IN ⁴ /FT)	M _A (FT-LBS/FT)
GAGE	INCHES (STEEL)				
24	.0239	1.24	40	0.0326	144.9

ALLOWABLE UNIFORM LOADS (PSF)

THICKNESS (INCHES)	DEAD + LIVE LOAD (STRESS)					LIVE LOAD DEFL (L/240)				
	3'-0	3'-6	4'-0	4'-6	5'-0	3'-0	3'-6	4'-0	4'-6	5'-0
.0239	149	110	83	66	53	149	94	63	44	32

NOTES:

1. Section Properties and Allowable Stresses have been calculated in accordance with the 1996 AISI Specifications for the Design of Cold-Formed Steel Structural Members.
2. Panel steel conforms to ASTM 653/792 Grade C.
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.
5. Shear Diaphragm Value = 200#/L.F.

SPECIFICATIONS

(Request complete specifications from factory)

Furnish and install Berridge "S-Deck" Panel as manufactured by Berridge Manufacturing Co., San Antonio, Texas.

MANUFACTURE:

Panels shall be roll formed in continuous lengths (maximum 40').

MATERIAL AND FINISH

(See current Sweet's catalog - 07610/BER)

CONSTRUCTION DETAILS

(See web site: www.berridge.com)



Berridge Manufacturing Company
 6515 Fratt Rd, San Antonio, TX 78218
 800-669-0009
www.berridge.com

