

Berridge R-Panel

Prefinished or Acrylic Coated Galvalume® wall, soffit, fascia, mansard, liner or equipment screen panel

- Available in 24 & 22 gauge steel & 0.032 aluminum
- Wide, economical 36" coverage
- Vertical & horizontal applications
- Open framing or solid sheathing
- Class 4 hail resistance tested
- UL 90 & fire resistance listed
- UL 580/UL 1897 tested
- Florida Product Approval

Unless otherwise noted, all testing is for steel only



SPECIFICATIONS

(Complete specifications available at www.berridge.com)

PRODUCT:

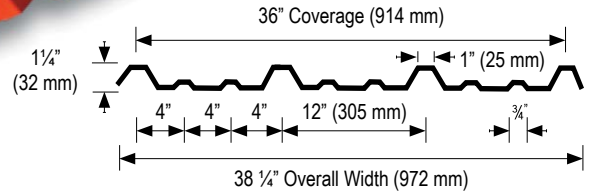
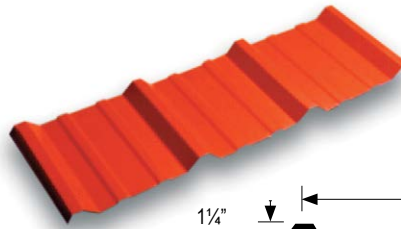
Furnish and install Berridge "R" Panel as manufactured by Berridge Manufacturing Company, San Antonio, Texas.

MANUFACTURE:

Panels shall be roll formed in continuous lengths (maximum 40'). Where required, panel to bear Underwriter's Laboratory Label UL 90, pursuant to Construction Numbers 30, 79, and 161.

MATERIAL, FINISH AND CONSTRUCTION DETAILS

(See web site: www.berridge.com)



SECTION PROPERTIES BASED ON 24 GAUGE 40 K.S.I.			
"R" PANEL	I_x (in ⁴ /ft)	S_x (in ³ /ft)	M_A (in-kip/ft)
Positive Bending	0.0554	0.0575	1.380
Negative Bending	0.0536	0.0567	1.360

RECOMMENDED LOAD IN LBS/FT ² PANEL WT = 1.3 p.s.f												
SPAN (FT)	NET VERTICAL DEAD + LIVE LOAD						NET VERTICAL WIND UPLIFT					
	1-SPAN		2-SPAN		3-SPAN		1-SPAN		2-SPAN		3-SPAN	
	STRESS	DEFL L/240	STRESS	DEFL L/240	STRESS	DEFL L/240	STRESS	DEFL L/240	STRESS	DEFL L/240	STRESS	DEFL L/240
3'	101	134	99	319	116	250	102	130	103	319	120	250
4'	56	57	55	134	65	105	58	55	59	134	68	105
5'	36	29	35	69	41	54	37	28	38	69	44	54

NOTES:

1. The panel weight has been deducted from the allowable stress values.
2. The properties and load tables are for the panel alone.
3. The panel section properties have been calculated in accordance with 2007 AISI Specification.

Berridge M-Panel

Prefinished or Acrylic Coated Galvalume® wall, soffit, fascia, mansard, liner or equipment screen panel

- Available in 24 & 22 gauge steel & 0.032 aluminum
- Wide, economical 36" coverage
- Vertical & horizontal applications
- Open framing or solid sheathing
- Class 4 hail resistance tested
- UL 90 tested & UL fire resistance listed
- Florida Product Approval

Unless otherwise noted, all testing is for steel only



SPECIFICATIONS

(Complete specifications available at www.berridge.com)

PRODUCT:

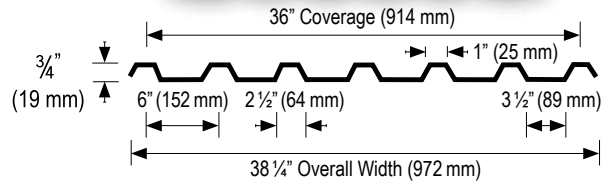
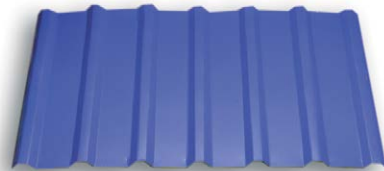
Furnish and install Berridge "M" Panel as manufactured by Berridge Manufacturing Company, San Antonio, Texas.

MANUFACTURE:

Panels shall be roll formed in continuous lengths (maximum 40'). Where required, panel to bear Underwriter's Laboratory Label UL 90, pursuant to Construction Number 39.

MATERIAL, FINISH AND CONSTRUCTION DETAILS

(See web site: www.berridge.com)



SECTION PROPERTIES BASED ON 24 GAUGE 40 K.S.I.			
"M" PANEL	I_x (in ⁴ /ft)	S_x (in ³ /ft)	M_A (in-kip/ft)
Positive Bending	0.0279	0.0537	1.290
Negative Bending	0.0228	0.0494	1.180

RECOMMENDED LOAD IN LBS/FT ² PANEL WT = 1.3 p.s.f												
SPAN (FT)	NET VERTICAL DEAD + LIVE LOAD						NET VERTICAL WIND UPLIFT					
	1-SPAN		2-SPAN		3-SPAN		1-SPAN		2-SPAN		3-SPAN	
	STRESS	DEFL L/240	STRESS	DEFL L/240	STRESS	DEFL L/240	STRESS	DEFL L/240	STRESS	DEFL L/240	STRESS	DEFL L/240
3'	94	68	87	148	101	116	89	55	97	148	113	116
4'	53	29	48	63	56	49	50	23	55	63	64	46
5'	33	15	30	32	36	25	33	12	35	32	41	25

NOTES:

1. The panel weight has been deducted from the allowable stress values.
2. The properties and load tables are for the panel alone.
3. The panel section properties have been calculated in accordance with 2007 AISI Specification.



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