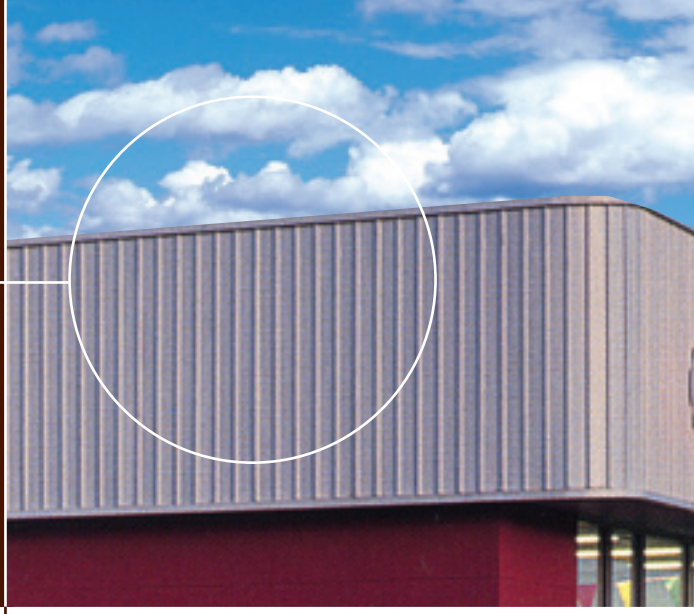
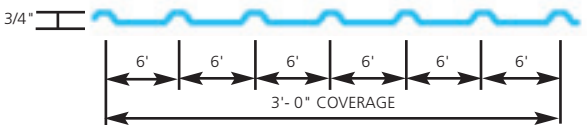
PBU



FEATURE		BENEFIT	
1	Reverse rolled profile ribs	1	Places color on the reverse side of the panel and yields a flat profile appearance with fasteners recessed in flutes.
2	Galvalume Plus®	2	20-year warranty
3	Signature® 300 option	3	Premium paint finish with 25-year warranty, ultimate resistance to color changes and chalk.
4	Continuous eave to sill until panel exceeds 40’0” length	4	Attractive with no end laps and ease of installation
5	Face fastener	5	Yields diaphragm capabilities and girt stability
6	Fire rating	6	Panel carries a UL “Class A” fire rating.



PRODUCT DESCRIPTION

Description:
This utility panel with ribs 6” on centers is especially useful for liners, partitions, soffits, etc., because of its shallower 3/4” deep ribs relative ease of installation.

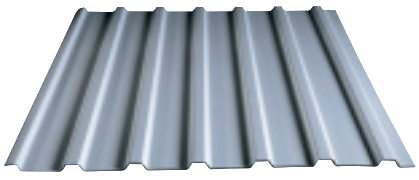
Gauge:
26 and 24

Lengths:
Maximum recommended 40'-0". Longer lengths available on special order.

Dimensions:
36" wide by 3/4" deep

Finish:
Galvalume Plus® and Signature® Series.

Usage:
Wall panel, liner panel, partition panel, soffit panel and facade panel face.



Ceco Building Systems
an NCI Company

PBU

ALLOWABLE UNIFORM LOADS IN POUNDS PER SQUARE FOOT

26 GAUGE (FY = 60 KSI)

SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
SINGLE	NEGATIVE WIND LOAD	92.5	52.0	33.3	23.1	17.0	13.0	10.3
	LIVE LOAD/DEFLECTION	75.8	32.0	16.4	9.5	6.0	4.0	2.8
2-SPAN	NEGATIVE WIND LOAD	108.6	61.1	39.1	27.2	20.0	15.3	12.1
	LIVE LOAD/DEFLECTION	92.5	52.0	33.3	22.8	14.4	9.6	6.8
3-SPAN	NEGATIVE WIND LOAD	135.8	76.4	48.9	33.9	24.9	19.1	15.1
	LIVE LOAD/DEFLECTION	115.6	60.3	30.9	17.9	11.3	7.5	5.3
4-SPAN	NEGATIVE WIND LOAD	126.8	71.3	45.6	31.7	23.3	17.8	14.1
	LIVE LOAD/DEFLECTION	108.0	60.7	32.8	19.0	11.9	8.0	5.6

24 GAUGE (FY = 50 KSI)

SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
SINGLE	NEGATIVE WIND LOAD	109.6	61.7	39.5	27.4	20.1	15.4	12.2
	LIVE LOAD/DEFLECTION	100.4	42.3	21.7	12.5	7.9	5.3	3.7
2-SPAN	NEGATIVE WIND LOAD	123.1	69.2	44.3	30.8	22.6	17.3	13.7
	LIVE LOAD/DEFLECTION	109.6	61.7	39.5	27.4	19.0	12.7	9.0
3-SPAN	NEGATIVE WIND LOAD	153.9	86.6	55.4	38.5	28.3	21.6	17.1
	LIVE LOAD/DEFLECTION	137.0	77.1	40.9	23.7	14.9	10.0	7.0
4-SPAN	NEGATIVE WIND LOAD	143.7	80.8	51.7	35.9	26.4	20.2	16.0
	LIVE LOAD/DEFLECTION	127.9	72.0	43.4	25.1	15.8	10.6	7.4

NOTES:

1 Allowable loads are based on uniform span lengths and Fy = 50 and 60 ksi.

2 LIVE LOAD is limited by bending, shear, combined shear and bending and web crippling.

3 NEGATIVE WIND LOAD does not contain a 33.333% increase and does not consider fastener pull-out or pull-over.

4 Above loads consider a maximum deflection ratio of L/180.

5 The weight of the panel has not been deducted from the allowable loads.

6 The use of any accessories other than those provided by the manufacturer may damage panels, void all warranties and will void all data.

SECTION PROPERTIES

			NEGATIVE BENDING			POSITIVE BENDING		
PANEL GAUGE	**Fy** (ksi)	**WEIGHT** (psf)	**Ixe** ($in.^4/ft.$)	**Sxe** ($in.^3/ft.$)	**Maxo** (kip-in.)	**Ixe** ($in.^4/ft.$)	**Sxe** ($in.^3/ft.$)	**Maxo** (kip-in.)
26	60*	0.94	0.0304	0.0514	1.848	0.0371	0.0374	1.3456
24	50	1.14	0.0214	0.0494	1.4796	0.031	0.0555	1.6618

* Fy is 80-ksi reduced to 60-ksi in accordance with the 2001 edition of the North American Specification For Design Of Cold-Formed Steel Structural Members - A2.3.2.

NOTES:

1 All calculations for the properties of **PBU** panels are calculated in accordance with the 2001 edition of the *North American Specification For Design of Cold-Formed Steel Structural Members*.

2 **Ixe** is for deflection determination.

3 **Sxe** is for bending.

4 **Maxo** is allowable bending moment.

5 All values are for one foot of panel width.

The data contained herein is for the expressed use of customers and design professionals. Along with this data, it is recommended that the design professional have a copy of the most current version of the *North American Specification For Design of Cold-Formed Steel Structural Members* published by the American Iron and Steel Institute to facilitate design. This specification contains the design criteria for cold-formed steel components. Along with the specification, the designer should reference the most current building code applicable to the project jobsite in order to determine environmental loads. If further information or guidance regarding cold-formed design practices is desired, please contact the manufacturer.

Exceeding Expectations

Ceco Building Systems
an NCI Company

Eastern Region | P.O. Drawer 2387, 100 Red Iron Rd., Rocky Mount, NC 27802 | 252-977-2131

Midwestern Region | P.O. Box 72, 305 N. Iris St., Mt. Pleasant, IA 52641 | 319-385-8001

Southern Region | P.O. Drawer 911, 2400 Highway 45 North, Columbus, MS 39703 | 662-328-6722

Division Head Office | P.O. Box 6500, Columbus, MS 39703 | **1-800-474-2326 (CECO)**
http://www.cecobuildings.com