

WALL (LOW CELL) SIDE LAP



ROOF (HIGH CELL) SIDE LAP

DESCRIPTION

BR5-36 is a sturdy panel with 36" [914 mm] coverage, and uniformly spaced ribs at 7.2" [183 mm] o/c. As a wall panel BR5-36 laps in the low cell. As a roof panel, BR5-36 is inverted so that the side lap occurs in the high cell. All Exposed Fastener wall panels may be installed in a variety of rainscreen applications to form a complete wall system. Systems may vary from an uninsulated screenwall to MetalWrap® Series, an insulated composite backup panel system with Advanced Thermal and Moisture Protection (ATMP®). Refer to CENTRIA Technical bulletin TB-05-10 for all rainscreen applications.

GENERAL DESIGN OPTIONS

BR5-36			
PANEL THICKNESS	1½" [38mm]		
PANEL COVERAGE	36" [914mm]		
SIDE LAP	Overlapping		
	Galvanized¹ (G90)	Stainless Steel¹ (304)	Aluminum¹ (3003-H14)
END LAPS	Overlapping, Flash, MicroLine Extrusion ⁴	Overlapping, Flash	Overlapping, Flash, MicroLine Extrusion ⁴
GAGES (STANDARD)	20 [0.91mm], 22 [0.76mm], 24 [.60mm]	20 [0.91mm], 22 [0.76mm], 24 [.60mm]	0.032" [0.81mm], 0.040" [1.02mm], 0.050" [1.27mm] ⁵
GAGES (OPTIONAL)	18 [1.19mm]	N/A	N/A
STANDARD LENGTH	5 [1.524m] - 40 ft. [12.192m]	5 [1.524m] - 40 ft. [12.192m]	5 [1.524m] - 20 ft. [6.096m]
OPTIONAL LENGTH ⁷	1 [0.305m] - 5ft. [1.524m], 40 [12.192m] - 48 ft. [14.630m]	1 [0.305m] - 5ft. [1.524m], 40 [12.192m] - 48 ft. [14.630m]	1 [0.305m] - 5ft. [1.524m]
STANDARD TEXTURE	Smooth	Smooth	Smooth
OPTIONAL TEXTURE	Embossed ^{2,3}	Contact CENTRIA ^{2,3,6}	Embossed ^{2,5}
FINISHES	See CENTRIA Color Chart	#4 Brushed	See CENTRIA Color Chart

1. Alternate base material, panel lengths and gages may also be available. Contact CENTRIA.

2. Embossing is non-directional.

3. Not available in 18 ga.

4. MicroLine Extrusions can be used with horizontally installed panels only.

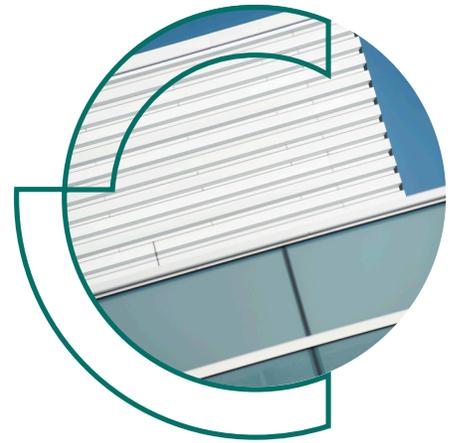
5. The 0.050" aluminum can be embossed but only on a "best effort" basis, in which varying depth of the pattern is likely and would not be a cause for rejection. Aluminum thicker than 0.050" cannot be embossed.

6. Stainless embossing, a Request for Deviation from standard must be entered to obtain project-specific approval.

7. Additional charges may apply for nonstandard lengths

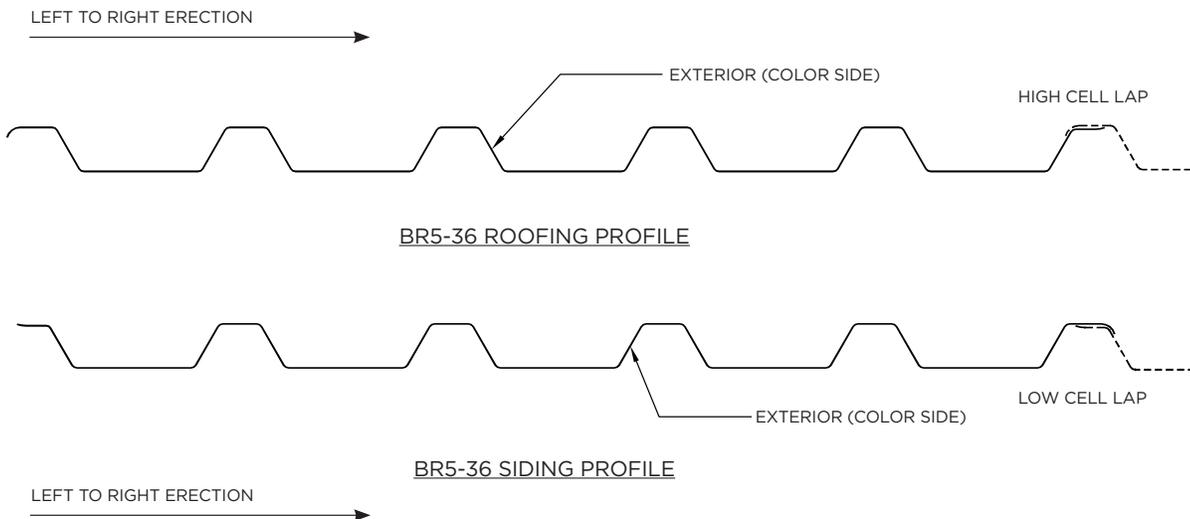
BR5-36 DESIGN FEATURES & BENEFITS

- Extremely versatile panels can be used as exterior or interior walls
- All-weather installation capability, installation time is shortened, permitting fast-track scheduling
- May be used with a variety of insulated or non-insulated back-up systems in a wide range of designs and colors
- The BR5-36 wall panel can be erected vertically or horizontally
- Exceptional negative wind load properties
- Excellent option for both new construction and retrofit projects
- Panels are available in embossed or unembossed finishes



BR5-36 TESTING

TEST	CHARACTERISTIC	TEST METHOD	TEST TITLE	RESULTS
ACOUSTICAL	SOUND TRANSMISSION	ASTM E90/E413	Determines sound transmission coefficient (STC) of building partitions and elements	STC = 33-55 when assembled with mineral wool insulation and perforated liner panel.
	NOISE REDUCTION	ASTM C423/E795	Determines noise reduction coefficient (NRC) of a specimen of sound absorptive material.	NRC = 0.75-1.05 when assembled with mineral wool insulation and perforated liner panel.
ENVIRONMENTAL	AIR LEAKAGE	BR5-36 is intended to be used only as a rainscreen; an approved air/water barrier must be installed behind the product to comply with code requirements.		
	WATER PENETRATION			
STRUCTURAL	IMPACT RESISTANCE	Approved for non-HVHZ only; see FL1754.		
	WIND LOADS	See load-span tables.	Determines structural performance under uniform positive or negative loading.	See load-span tables.



NOTES

- For information on special applications, contact your local CENTRIA Representative.
- Minimum of roof slope = 1" in 12" [25mm in 305mm].
- Panel length tolerance is + or - 1/4" [6mm].
- For protective coatings - see CENTRIA Color Chart or visit www.CENTRIA.com.
- Oil canning within mill tolerances will not be cause for rejection.
- Panels must be ordered as "roofing" or "siding" to ensure painting of proper surfaces.
- BR5-36 must be inverted for roofing.