

# BUTLERIB® II WALL SYSTEM



**Economy With  
No Compromise  
On Quality.**



## DEEP CORRUGATIONS FOR EXTRA STRENGTH

Each Butlerib® II wall panel features a full 1½-inch deep corrugation for extra strength. Panels are three feet in width and up to 40 feet in length so wall erection occurs quickly even on large buildings. Butlerib II panels are available in a variety of material thicknesses in many attractive standard colors.

## FACTORY PUNCHING

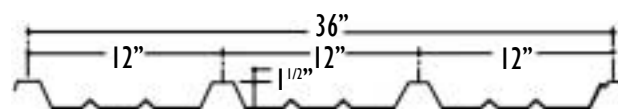
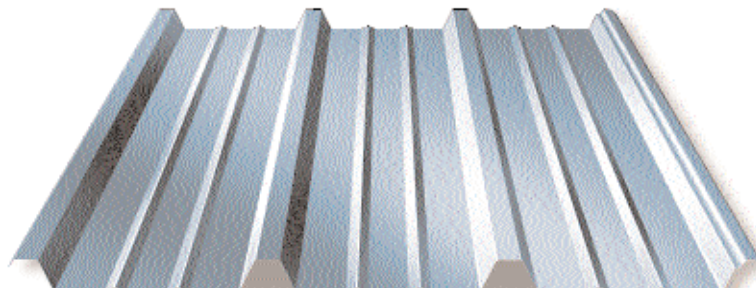
Each panel and supporting structural member is available factory punched to assure proper fit and alignment during the erection process. A variety of fastener options are available to meet the needs of appearance, security and economy.

## ARCHITECTURALLY PLEASING LOW GLOSS COATING

The deep 1½-inch corrugation gives a clean, simple appearance on any project. Butler-Cote® 500 (a fluoropolymer containing 70% Kynar 500® or Hylar 5000® resin) is the standard coating.

## VERSATILITY AND RELIABILITY

Predesigned and factory-fabricated transition materials allow you to combine Butlerib II panels with a variety of Butler wall systems, conventional materials, doors or windows without extensive field modifications.



PANEL CROSS SECTION



# BUTLERIB® II WALL SYSTEM SPECIFICATIONS

## 1. GENERAL

- 1.1 Exterior wall shall be covered with precision roll-formed Butlerib® II wall system panel as furnished by Butler Manufacturing Company and installed in accordance with the manufacturer's instruction.

## 2. PANEL DESCRIPTION

- 2.1 Panel shall be 36" wide with four major corrugations, 1-1/2" high 12" on center with two minor corrugations between each of the major corrugations the entire length of the panel.
- 2.2 Panel shall be one piece from base to building eave.
- 2.3 The upper end of panel shall be fabricated with a mitered cut to match corrugations of Butlerib II roof panel and square cut for all other roof panels.
- 2.4 The bottom end of the panel shall be straight cut.
- 2.5 Wall panel shall be factory punched at panel end and shall match prepunched holes in structural for proper alignment. (Optional)

## 3. PANEL DESIGN

- 3.1 Panel design shall be in accordance with AISI "Specifications for the Design of Light-Gage, Cold-Formed Steel Structural Members," or CAN/CSA-S136 "Cold-Formed Steel Structural Members," - latest editions, and in accordance with sound engineering methods and practices.

## 4. PANEL MATERIAL AND FINISH

- 4.1 The panel material as specified shall be one of the following:
  - 4.1.1 Either 26 or 24 gage aluminum-zinc alloy-coated steel (AZ55) with mill-applied acrylic surface treatment (GALVALUME PLUS® or ACRYLUME™). Minimum 0.55 ounce coated weight per square foot (approximately 55% aluminum 45% zinc applied by the continuous hot dip method) as determined by the triple-spot test per ASTM A792;
- OR
- 4.1.2 Either 26 or 24 gage galvanized, per ASTM specification A653, and painted with exterior colors of Butler-Cote® finish system, a full strength, 70% Kynar 500® or Hylar 5000® fluoropolymer coating. Manufacturer warrants that coating shall not blister, peel, crack, chip, or experience material rust through for 20 years. For a period of 20 years chalking shall not exceed #8 - ASTM D4214 and fading shall be 5ΔE Color Difference Units or less.

## 5. PANEL APPLICATION

- 5.1 Structural system shall be plumb before wall panel is attached.
- 5.2 Panel shall be aligned and attached in accordance with erection drawings furnished by Butler Manufacturing Company.
- 5.3 All sidelap shall be at least one full corrugation.
- 5.4 Panel corrugations shall be blocked at the base with a metal closure,  
OR  
Panel shall be sealed at the base with foam or rubber closure. (Optional)

- 5.5 Trim material should be as follows:

- 5.5.1 All exterior trim shall be of the same finish as the exterior color of the Butlerib II wall system panel except the following:
- 5.5.2 All gutter, downspout, eave trim, gable trim, door side flashing and header flashings to be galvanized prepainted steel with Butler-Cote finish system fluoropolymer coating.
- 5.5.3 All gutter, downspout, eave trim and gable trim shall be the same color as the wall panel. These parts are also available in preprimed galvanized steel for field painting. Other colors are available at additional cost.
- 5.5.4 Door side flashing and door header flashing shall be the same color as the wall panel.
- 5.5.5 Windows shall be of aluminum extrusions (thermally broken) prepainted a dark bronze color.
  - a. All interior trim shall be painted.
  - b. All flashing, trim, closure and similar items shall be as detailed on drawings as supplied by the manufacturer of the panel.

## 6. FASTENERS

- 6.1 Butlerib II wall system panel-to-structural connections shall be made with Scrubolt™ fastener with Torx® head, self-drilling screw with Torx head or Lock-Rivet™ fastener. Panel-to-panel connections shall be made with self-drilling screw with Torx head, or Lock-Rivet fastener.
- 6.2 Lock-Rivet fastener (optional) shall be set by a special Lock-Rivet fastener tool.
- 6.3 Fastener locations shall be as shown on erection drawings as furnished by Butler Manufacturing Company.
- 6.4 All exposed fasteners shall be either prepainted to match wall color or shall be covered with plastic color caps to match wall color.

## 7. ACCESSORIES

- 7.1 Accessories (i.e., doors, windows, louvers) shall be as standard with Butler Manufacturing Company unless otherwise noted, and furnished as specified.
- 7.2 Standard accessory locations shall be as shown on erection drawings as furnished by Butler Manufacturing Company. Hollow metal doors and window openings are field located (cut from full length panels). Overhead and slide doors include factory cut header panels.

GALVALUME PLUS® is a registered trademark of BIEC International, Inc.

ACRYLUME is a trademark of USX Corporation.

Fluoropon® is a registered trademark of The Valspar Corporation.

Kynar 500® is a registered trademark of Elf Atochem North America, Inc.

Hylar 5000® is a registered trademark of Ausimont U.S.A., Inc.

Torx® is a registered trademark of the Camcor Division of Textron, Inc.

Butler® Building products are constantly being improved; therefore, the information contained herein is subject to change without notice. Before finalizing project details, contact your nearest Butler Builder® or Butler Manufacturing Company for the latest information.

### QUALITY COMMITMENT - GUARANTEED

Every material, coating part and process that is used in your new building is tested to ensure strict compliance with exacting standards. Every supplier to Butler is rigorously tested on an on-going basis. Butler is the only manufacturer in the industry with that kind of commitment to quality.



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