PRODUCT EVALUATION REPORT

PBR Wall Panel

State of Florida Professional Engineer:
Terrence E. Wolfe, P.E. # 44923
19530 Ramblewood Drive
Humble, TX 77338
Manufacturer:

MBCI, L.P. a division of NCI, L.P.

Houston
14031 West Hardy
Houston, TX 77064

Lubbock
5711 FM-40
Lubbock, TX 79401

Oklahoma City
7000 S. Eastern Ave.
Oklahoma City, OK 73149

San Antonio
8677 I-10 East
Converse, TX 78109

Atlanta
2280 Monier Ave.
Lithia Springs, GA 30122

Indianapolis
1780 McCall Drive
Shelbyville, IN 46176

Memphis
300 Highway 51 North
Hernando, MS 38632

Rome
6168 State Route 233
Rome, NY 13440

Adel
1600 Rogers Road
Adel, GA 31620

Phoenix
660 South 91st street
Tolleson, AZ 85353

Salt Lake City
1155 West 2300 North
Salt Lake City, UT 84116

Atwater
550 Industry Way
Atwater, CA 95301
SUBJECT:
Panel walls, siding

DESCRIPTION:
PBR – a 36", wide, through fastened, structural, metal wall panel, available in 29-ga. (.015), 26-ga. (.019), 24-ga. (0.023"), or 22-ga. (0.029") ga. PBR is typically applied over open framing.

CODE CRITERIA:
PER RULE 61G20-3, CHAPTER 14, FLORIDA BUILDING CODE – BUILDING, 6TH EDITION (2017), EXTERIOR WALLS

SECTION 1403
PERFORMANCE REQUIREMENTS

1403.3 Structural. Exterior walls, and the associated openings, shall be designed and constructed to resist safely the superimposed loads required by Chapter 16.
LIMITATIONS OF USE FOR NON-HIGH VELOCITY HURRICANE ZONES

Substrate: Steel
Substrate Description: Girts or FL P.E. designed equal.
Insulation: (Optional) Vinyl or reflective foil faced fiberglass batten insulations that have a flame spread rating of no more than 25 and a smoke development rating of not more than 450.

Documentation Supporting the Compliance Statement:
The product has been tested in accordance with:


Maximum Uplift Pressure: See Attached Section Properties & Load Tables
Application: Install PBR Panel per the manufacturers approved detail.

Test Pressures:
29 ga. PBR -55 psf, +60 psf @ 4 ft o.c. spans
26 ga. PBR -80 psf, +90 psf @ 4 ft o.c. spans
24 ga. PBR -90 psf, +100 psf @ 4 ft o.c. spans
22 ga. PBR -142.5 psf, +150 psf @ 4 ft o.c. spans
PBR PANEL FASTENER PATTERN
(AT INTERMEDIATE SUPPORTS)

PBR PANEL FASTENER PATTERN
(AT PANEL ENDS)