



Engineering Technical Bulletin

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Roof Hugger Florida Approvals

FL # 9352.3 -- 24 Ga. PBR panel over Roof Hugger Re-roofing System

Existing Roof Panel: Min. 26 Ga. (0.0185") PBR through fastened panel, 36" wide, 1 ¼" tall major ribs at 12" O.C.

Roof Hugger: Standard Model C, min. 16 ga., (0.0600") Min. 1.830" tall

Roof Hugger Spacing: 5'-0" O.C., 2'-6" O.C. For 2'-6" Roof Hugger spacing's, 16 Ga. (0.0600") Integral Sub-Rafters at 12" or 24" O.C. are used.

New Roof Panel: Min. 24 Ga. (0.0230") PBR through fastened roof panel, 36" wide, 1 ¼" tall, major ribs at 12" O.C.

Fastening Patterns

Roof System	New Roof Panel	New Roof Panel Fastener Pattern	Roof Hugger Spacing	Integral Sub-Rafters	Existing Roof Panel
1	24 ga. PBR	12"-12"-12"	5'-0"	N/A	26 ga. PBR
2	24 ga. PBR	7"-5"-7"-5"-7"	5'-0"	N/A	26 ga. PBR
3	24 ga. PBR	7"-5"-7"-5"-7"	2'-6"	24" O.C.	26 ga. PBR
4	24 ga. PBR	7"-5"-7"-5"-7"	2'-6"	12" O.C.	26 ga. PBR

Design Uplift Pressures

MAXIMUM ALLOWABLE PRESSURES (PSF)

Roof System	Allowable Design Pressure (psf)	Based on Panel Deflections		
		L/120	L/180	L/240
1	35.00	35.00	31.44	26.42
2	60.00	60.00	60.00	58.14
3	116.00	116.00	111.77	85.14
4	145.00	145.00	120.41	92.24

Design Pressure includes a Safety Factor = 2.0