



Engineering Technical Bulletin

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Roof Hugger Florida Approvals

FL # 9352.2 -- 26 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. 26 Ga. (0.0185") 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	26 ga. PBR	12"-12"-12"	5'-0"	N/A	26 ga. PBR
2	26 ga. PBR	7"-5"-7"-5"-7"	5'-0"	N/A	26 ga. PBR
3	26 ga. PBR	7"-5"-7"-5"-7"	2'-6"	24" O.C.	26 ga. PBR
4	26 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	40.0	40.0	40.0	38.8
2	65.0	65.0	45.7	33.8
3	110.0	110.0	110.0	110.0
4	140.0	140.0	140.0	116.7

Design Pressure includes a Safety Factor = 2.0