



LIBERTY™

SBS Self-Adhering Roofing System

When using GAF LIBERTY™ products, it is important to meet Maximum Design Pressure (MDP). Align MDP with low-slope needs using the chart below.

Wood Decks — New Construction or Reroof (Tear-off). Non-Insulated, Mechanically Fastened Base Sheet, Bonded Roof Cover							
Deck	Base Sheet			Roof Cover		MDP Pounds Per Square Foot (psf)	FL Building Code Report FL5680.2-R46 System No.
	Type	Fastener	Attachment	Base / Ply Sheet	Cap Sheet		
Min. 19/32-inch plywood or 1-inch wood plank; 2 ft. span	LIBERTY™ Self-Adhering Base/Ply Sheet	32. ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails	9-inch o.c. at min. 4-inch laps and 9-inch o.c. in two, equally spaced, staggered center rows	LIBERTY™ Self-Adhering Base/Ply Sheet (Optional)	LIBERTY™ Self-Adhering Cap Sheet	-37.5	W-55
Min. 15/32-inch plywood or 1-inch wood plank; 2 ft. span	LIBERTY™ Self-Adhering Base/Ply Sheet	32. ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails	8-inch o.c. at min. 3-inch laps and 8-inch o.c. in three, equally spaced, staggered center rows	LIBERTY™ Self-Adhering Base/Ply Sheet (Optional)	LIBERTY™ Self-Adhering Cap Sheet	-45.0	W-56

Wood Decks — New Construction, Reroof (Tear-Off) or Recover Non-Insulated, Mechanically Fastened Base Sheet, Bonded Roof Cover							
Deck	Base Sheet			Roof Cover		MDP Pounds Per Square Foot (psf)	FL Building Code Report FL5680.2-R46 System No.
	Type	Fastener	Attachment	Base / Ply Sheet	Cap Sheet		
Min. 19/32-inch plywood or 1-inch wood plank; 2 ft. span	GAFGLAS® #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS® #80 Ultima Base Sheet, GAFGLAS® Stratavent® Nailable Venting Base Sheet, RUBEROID® 20 Smooth	See Note (Drill-Tec™ AccuTrac® Flat Plate, Drill-Tec™ 3" Flat Steel Plate or Drill-Tec™ 3" Recessed Steel Plate only)	8-inch o.c. at 2-inch laps and 8-inch o.c. in three, equally spaced, staggered center rows	LIBERTY™ Self-Adhering Base Sheet	LIBERTY™ Self-Adhering Cap Sheet	-105.0	W-64
Min. 15/32-inch plywood or 1-inch wood plank; 2 ft. span	LIBERTY™ Self-Adhering Base/Ply Sheet	See Note (HD Fastener Only)	8-inch o.c. at min. 3-inch laps and 8-inch o.c. in two, equally spaced, staggered center rows	LIBERTY™ Self-Adhering Base/Ply Sheet (Optional)	LIBERTY™ Self-Adhering Cap Sheet	-60.0	W-66

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Wood Decks — New Construction, Reroof (Tear-Off) Or Recover Non-Insulated, Bonded Roof Cover						
Deck	Primer	Roof Cover			MDP Pounds per Square Foot (psf)	FL Building Code Report FL5680.2-R46 System No.
		Base Sheet	Ply Sheet	Cap Sheet		
Min. 15/32-inch APA-rated plywood; 2 ft. span, 8d ring shank nails, 6" o.c.	LIBERTY™ Asphalt Primer at 0.5 gal. / square	LIBERTY™ Self-Adhering Base/Ply Sheet	LIBERTY™ Self-Adhering Base/Ply Sheet (Optional Second Layer)	LIBERTY™ Self-Adhering Cap Sheet	-82.5	W-69
Min. 15/32-inch plywood or 1-inch wood plank; 2 ft. span, 8d ring shank nails, 6" o.c.	LIBERTY™ Asphalt Primer at 1.0 gal. / square				-90.0	W-71

Note: Drill-Tec™ #12 Fastener, Drill-Tec™ #12 DP Fastener, Drill-Tec™ #12 DPH Fastener, Drill-Tec™ #14 Fastener or Drill-Tec™ #14 HD Fastener with Drill-Tec™ 3" Standard Steel Plate, Drill-Tec™ 3" Steel Plate, Drill-Tec™ AccuTrac® Flat Plate, Drill-Tec™ 3" Flat Steel Plate, or Drill-Tec™ 3" Recessed Steel Plate. Minimum 3/4-inch plywood penetration or minimum 1-inch wood plank embedment.