

# Florida HVHZ Sure-Weld® & FleeceBACK® TPO Roof Families

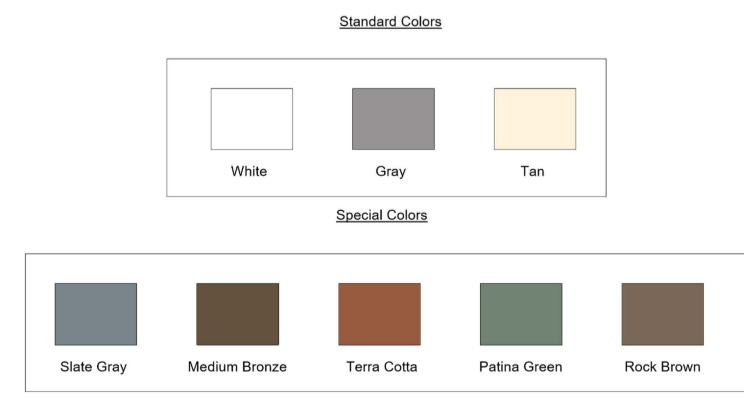
Sure-Weld®	Fully Adhered SC-1 -52.5 MDP 	Fully Adhered SC-2 -75 MDP 	Fully Adhered With Plywood/ Polyiso Composite SC-5 -52.5 MDP 	Adhered Membrane & Coverboard Fastened Insulation Base Layer SC-14 -45 MDP 	Adhered Membrane & Coverboard Fastened Insulation Base Layer SC-19 -60 MDP 	Adhered Membrane & Coverboard Fastened Insulation Base Layer SC-27 -90 MDP 	Adhered Membrane & Coverboard Fastened Insulation Base Layer SC-28 -135 MDP 	Adhered Membrane, Insulation, & Coverboard Fastened Thermal Barrier With Air/Vapor Barrier SC-85 -45 MDP 	Adhered Membrane & Insulation Fastened Thermal Barrier With Air/Vapor Barrier SC-87 -52.5 MDP 	Fully Adhered With Coverboard C-17 -157.5 MDP 	Fully Adhered With Coverboard C-18 -397.5 MDP 	Fully Adhered With Coverboard C-23 -352.5 MDP 	Fully Adhered With Coverboard C-35 -397.5 MDP 	Fully Adhered With Coverboard C-36 -277.5 MDP 
FleeceBACK® TPO	Fully Adhered With Coverboard & Optional Air/Vapor Barrier SC-8 -82.5 MDP 	Adhered Membrane, Coverboard, & Insulation Top Layer Fastened Insulation Base Layer SC-55 -60 MDP 	Adhered Membrane & Insulation Top Layer Fastened Insulation Base Layer SC-61 -75 MDP 	Adhered Membrane, Coverboard, & Insulation Top Layer Fastened Insulation Base Layer SC-68 -112.5 MDP 	Adhered Membrane, Insulation, & Coverboard Fastened Thermal Barrier With Air/Vapor Barrier SC-62 -45 MDP 	Adhered Membrane, Insulation, & Coverboard Fastened Thermal Barrier With Air/Vapor Barrier SC-64 -52.5 MDP 	Fully Adhered With Coverboard C-99 -157.5 MDP 	Fully Adhered With Coverboard C-127 -277.5 MDP 	Fully Adhered With Coverboard C-128 -397.5 MDP 					
FleeceBACK® RL™ TPO (RapidLock™)	Fully Adhered With RL™ Membrane, RL™ Coverboard, & Optional Air/Vapor Barrier SC-12 -82.5 MDP 	Adhered RL™ Membrane & RL™ Coverboard Fastened Insulation Base Layer SC-71 -45 MDP 	Adhered RL™ Membrane & RL™ Coverboard Fastened Insulation Base Layer SC-72 -52.5 MDP 	Adhered RL™ Membrane & RL™ Coverboard Fastened Insulation Base Layer SC-73 -82.5 MDP 	Adhered RL™ Membrane & RL™ Coverboard Fastened Insulation Base Layer SC-74 -112.5 MDP 	Adhered RL™ Membrane On Fastened RL™ Insulation Top Layer SC-202 -45 MDP 	Adhered RL™ Membrane On Fastened RL™ Coverboard & Insulation SC-203 -45 MDP 	Adhered RL™ Membrane On Fastened RL™ Insulation Top Layer SC-204 -75 MDP 						
Sure-Weld® Induction Welded	RHINOBOND INDUCTION WELDED ASSEMBLIES ON METAL DECK			ISOWELD INDUCTION WELDED ASSEMBLIES ON METAL DECK										
Induction Welded Membrane Fastened Insulation SC-209 -45 MDP 	Induction Welded Membrane Fastened Insulation SC-210 -52.5 MDP 	Induction Welded Membrane Fastened Insulation SC-217 -97.5 MDP 	Induction Welded Membrane Fastened Insulation SC-221 -45 MDP 	Induction Welded Membrane Fastened Insulation SC-223 -52.5 MDP 	Induction Welded Membrane Fastened Insulation SC-223 -52.5 MDP 	Induction Welded Membrane Fastened Insulation SC-233 -97.5 MDP 								
RHINOBOND INDUCTION WELDED ASSEMBLIES ON STRUCTURAL CONCRETE DECK			ISOWELD INDUCTION WELDED ASSEMBLIES ON STRUCTURAL CONCRETE DECK											
Induction Welded Membrane Fastened Insulation C-170 -45 MDP 	Induction Welded Membrane Fastened Insulation C-173 -60 MDP 	Induction Welded Membrane Fastened Insulation C-175 97.5 MDP 	Induction Welded Membrane Fastened Insulation C-179 -45 MDP 	Induction Welded Membrane Fastened Insulation C-181 -60 MDP 	Induction Welded Membrane Fastened Insulation C-184 -97.5 MDP 									

### TPO HVHZ Roof Type Schedule

Type	HVHZ Compliance Designation	NEMO Evaluation System No.	Wind Pressure Uplift Rating	Type Comments	Manufacturer
TPO Extra - Adhered SC-1	HVHZ	SC-1	-52.5	See NEMO Documentation for Minimum Structural Deck Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
TPO Extra - Adhered SC-2	HVHZ	SC-2	-75	See NEMO Documentation for Minimum Structural Deck Requirements, adhesive coverage requirements, and insulation minimums.	Carlisle SynTec Systems
TPO Extra - Adhered SC-5	HVHZ	SC-5	-82.5	See NEMO Documentation for Minimum Structural Deck Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
FleeceBACK® TPO - HVHZ SC-8	HVHZ	SC-8	-82.5	See NEMO Documentation for Minimum Structural Deck Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
TPO Extra - Adhered SC-12	HVHZ	SC-12	-82.5	See NEMO Documentation for Minimum Structural Deck Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
TPO-Fully Adhered HVHZ SC-14	HVHZ	SC-14	-45	See NEMO Documentation for Minimum Structural Deck Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
TPO-Fully Adhered HVHZ SC-19	HVHZ	SC-19	-60	See NEMO Documentation for Minimum Structural Deck & Fastener Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
TPO-Fully Adhered HVHZ SC-27	HVHZ	SC-27	-90	See NEMO Documentation for Minimum Structural Deck & Fastener Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
TPO-Fully Adhered HVHZ SC-29	HVHZ	SC-29	-135	See NEMO Documentation for Minimum Structural Deck & Fastener Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
FleeceBACK® TPO - HVHZ SC-55	HVHZ	SC-55	-52.5	See NEMO Documentation for Minimum Structural Deck & Fastener Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
FleeceBACK® TPO - HVHZ SC-61	HVHZ	SC-61	-75	See NEMO Documentation for Minimum Structural Deck & Fastener Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
FleeceBACK® TPO - HVHZ SC-68	HVHZ	SC-68	-112.5	See NEMO Documentation for Minimum Structural Deck & Fastener Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
Sure-Weld FleeceBACK® RL - SC-71	HVHZ	SC-71	-45	See NEMO Documentation for Minimum Structural Deck & Fastener Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
Sure-Weld FleeceBACK® RL - SC-72	HVHZ	SC-72	-52.5	See NEMO Documentation for Minimum Structural Deck & Fastener Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
Sure-Weld FleeceBACK® RL - SC-73	HVHZ	SC-73	-82.5	See NEMO Documentation for Minimum Structural Deck & Fastener Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
Sure-Weld FleeceBACK® RL - SC-74	HVHZ	SC-74	-112.5	See NEMO Documentation for Minimum Structural Deck & Fastener Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
TPO-Fully Adhered HVHZ SC-85	HVHZ	SC-85	-45	See NEMO Documentation for Minimum Structural Deck Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
TPO-Fully Adhered HVHZ SC-87	HVHZ	SC-87	-52.5	See NEMO Documentation for Minimum Structural Deck, thermal barrier, & adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
FleeceBACK® TPO - HVHZ SC-82	HVHZ	SC-82	-45	See NEMO Documentation for Minimum Structural Deck, thermal barrier, & adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
FleeceBACK® TPO - HVHZ SC-84	HVHZ	SC-84	-52.5	See NEMO Documentation for Minimum Structural Deck, thermal barrier, & adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
Sure-Weld FleeceBACK® RL - SC-202	HVHZ	SC-202	-45	See NEMO Documentation for Minimum Structural Deck Requirements and insulation minimums.	Carlisle SynTec Systems
Sure-Weld FleeceBACK® RL - SC-203	HVHZ	SC-203	-45	See NEMO Documentation for Minimum Structural Deck Requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
Sure-Weld FleeceBACK® RL - SC-204	HVHZ	SC-204	-75	See NEMO Documentation for Minimum Structural Deck Requirements and insulation minimums.	Carlisle SynTec Systems
TPO-Induction Welded HVHZ SC-209	HVHZ	SC-209	-45	See NEMO Documentation for Minimum Structural Deck Requirements, insulation minimums, and supplemental fastener information.	Carlisle SynTec Systems
TPO-Induction Welded HVHZ SC-210	HVHZ	SC-210	-52.5	See NEMO Documentation for Minimum Structural Deck Requirements, insulation minimums, and supplemental fastener information.	Carlisle SynTec Systems
TPO-Induction Welded HVHZ SC-217	HVHZ	SC-217	-97.5	See NEMO Documentation for Minimum Structural Deck Requirements, insulation minimums, and supplemental fastener information.	Carlisle SynTec Systems
TPO-Induction Welded HVHZ SC-221	HVHZ	SC-221	-45	See NEMO Documentation for Minimum Structural Deck Requirements, insulation minimums, and supplemental fastener information.	Carlisle SynTec Systems
TPO-Induction Welded HVHZ SC-223	HVHZ	SC-223	-52.5	See NEMO Documentation for Minimum Structural Deck Requirements, insulation minimums, and supplemental fastener information.	Carlisle SynTec Systems
TPO-Induction Welded HVHZ SC-233	HVHZ	SC-233	-97.5	See NEMO Documentation for Minimum Structural Deck Requirements, insulation minimums, and supplemental fastener information.	Carlisle SynTec Systems

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TPO-Fully Adhered HVHZ C-17	HVHZ	C-17	-157.5	See NEMO Documentation for Minimum Structural Deck Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
TPO-Fully Adhered HVHZ C-18	HVHZ	C-18	-397.5	See NEMO Documentation for Minimum Structural Deck Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
TPO-Fully Adhered HVHZ C-23	HVHZ	C-23	-352.5	See NEMO Documentation for Minimum Structural Deck Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
TPO-Fully Adhered HVHZ C-35	HVHZ	C-35	-397.5	See NEMO Documentation for Minimum Structural Deck Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
TPO-Fully Adhered HVHZ C-36	HVHZ	C-36	-277.5	See NEMO Documentation for Minimum Structural Deck Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
FleeceBACK® TPO - HVHZ C-99	HVHZ	C-99	-157.5	See NEMO Documentation for Minimum Structural Deck Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
FleeceBACK® TPO - HVHZ C-127	HVHZ	C-127	-277.5	See NEMO Documentation for Minimum Structural Deck Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
FleeceBACK® TPO - HVHZ C-128	HVHZ	C-128	-397.5	See NEMO Documentation for Minimum Structural Deck Requirements, adhesive coverage requirements, and insulation & coverboard minimums.	Carlisle SynTec Systems
TPO-Induction Welded HVHZ C-170	HVHZ	C-170	-45	See NEMO Documentation for Minimum Structural Deck Requirements, insulation minimums, and supplemental fastener information.	Carlisle SynTec Systems
TPO-Induction Welded HVHZ C-173	HVHZ	C-173	-60	See NEMO Documentation for Minimum Structural Deck Requirements, insulation minimums, and supplemental fastener information.	Carlisle SynTec Systems
TPO-Induction Welded HVHZ C-175	HVHZ	C-175	-97.5	See NEMO Documentation for Minimum Structural Deck Requirements, insulation minimums, and supplemental fastener information.	Carlisle SynTec Systems
TPO-Induction Welded HVHZ C-179	HVHZ	C-179	-45	See NEMO Documentation for Minimum Structural Deck Requirements, insulation minimums, and supplemental fastener information.	Carlisle SynTec Systems
TPO-Induction Welded HVHZ C-181	HVHZ	C-181	-60	See NEMO Documentation for Minimum Structural Deck Requirements, insulation minimums, and supplemental fastener information.	Carlisle SynTec Systems
TPO-Induction Welded HVHZ C-184	HVHZ	C-184	-97.5	See NEMO Documentation for Minimum Structural Deck Requirements, insulation minimums, and supplemental fastener information.	Carlisle SynTec Systems



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How to Use Florida Building Code Based Roof Assemblies

Each Roof Assembly can be identified by the following group of elements. Select (single-click) a roofed roof assembly.

**Notes About Roof Type Priorities:**

Upon opening the Type Properties of the selected roof assembly, several Identify Data Parameters are available. This assembly provides only a partial view of the assembly. To view the entire assembly, click on the Identify Data Parameters. For additional complete assembly systems, please refer to the Florida Building Code. Complete these assemblies. The Assembly Type Identification will have the full description regarding the membrane by panel color.

**Notes Regarding Assembly Material Editing:**

Each roof assembly will contain multiple materials for a particular function of the roof assembly. When this occurs, please, hold the mouse button a group of material materials, and identify with the assembly as to the order of the assembly materials. Once an assembly material is selected, the material will be highlighted. To edit the material, click on the material. The material will be highlighted. To edit the material, click on the material. The material will be highlighted.

All assemblies included within these files have been evaluated by a licensed engineer for compliance to Florida Building Code and Florida Building Code. The Assembly Type Identification will have the full description regarding the membrane by panel color.

One of the material materials have been provided, please material should be selected from the assembly(s), to avoid conflicts with other functions of the assembly, as applicable that contain roof assembly material material values.