



The City of Slidell

The City of Slidell is currently following the 2021 IRC chapter 9 for roof assemblies. All assemblies must be designed for 140 mph ultimate wind speeds. Listed below are some of the most overlooked sections.

R105.1 Permit required if replacing 50% of roof covering.

R905 Roof coverings shall be applied in accordance with this code and the manufacturer's installation instructions. Including but not limited to fastening, starter strips, hips, valleys and ridges.

R903.2.2 Crickets and saddles shall be installed on the ridge side of any chimney or penetration more than 30 inches wide measured perpendicular to the slope.

R905.1.1 Underlayment shall be two layers applied in the following manner: apply a 19-inch strip of underlayment felt parallel to and starting at the eaves. Starting at the eave, apply 36-inch-wide sheets of underlayment, overlapping successive sheets 19 inches. Distortions in the underlayment shall not interfere with the ability of the shingles to seal. End laps shall be 4 inches and shall be offset by 6 feet.

R905.2.1 Asphalt shingles shall be fastened to solidly sheathed decking.

R905.2.2 Asphalt shingles shall be used only on slopes 2/12 and greater.

R905.2.8.5 A drip edge shall be provided at eaves and rake edges and shall be overlapped not less than 2 inches.

R908.5 Any existing flashing, edging, outlets, and vents that are rusted, damaged, or deteriorated must be replaced.

ACT No.25 Photos Photos with geotagging are required for new roofs and roof replacement, photos need to show, Decking, Underlayment, Lapping, Nailing, Taping, Flashing, Drip Edge, Crickets, and photo of all sides of roof when complete.

CLASSIFICATION OF ASPHALT ROOF SHINGLES

MAXIMUM ULTIMATE DESIGN WIND SPEED, V_{ur} FROM Figure R301.2(2) (mph)	MAXIMUM BASIC WIND SPEED, V_{ASD} FROM TABLE R301.2.1.3 (mph)	ASTM D7158* SHINGLE CLASSIFICATION	ASTM D3161 SHINGLE CLASSIFICATION
110	85	D, G or H	A, D or F
116	90	D, G or H	A, D or F
129	100	G or H	A, D or F
142	110	G or H	F
155	120	G or H	F
168	130	H	F
181	140	H	F
194	150	H	F

Thank you,
George Joseph France
 Chief Building Official
 CITY OF SLIDELL