



# TECHNICAL DATA SHEET

## ASPHALT SHINGLES

### SIGNATURE (RL300)

#### DESCRIPTION:

**Signature** is a 42-inch laminate asphalt shingle made from a fiberglass mat and surfaced with mineral granules. **Signature** is covered by a Lifetime Warranty. Its standard wind Warranty covers up to 220 km/h (135 mph).

#### USES:

**Signature** can be applied on roof slopes greater than 4/12. It can also be applied to roof slopes from 2/12 to 4/12 following special low slope application. Please refer to the CSA A123.51 standard or the application instructions for further details.

#### STORAGE:

Store on a flat surface no more than two pallets high.

#### PHYSICAL PROPERTIES

Average coverage per bundle (approx.)	3.06 m <sup>2</sup> (32.9 ft <sup>2</sup> )
Exposure	152 mm (6")
Dimensions	1066.8 mm x 355.6 mm (42" x 14")
Bundles / Pallet	48 bundles

CHARACTERISTICS	UNITS		RESULTS BP		REQUIREMENTS		TEST METHOD
	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	
Tear strength (cross direction)	g	lb	Pass	Pass	1700	4.0	ASTM D3462
Tensile strength (machine direction)	kN/m	lb/in	Pass	Pass	10.5	60	ASTM D146
Tensile strength (cross direction)	kN/m	lb/in	Pass	Pass	7.0	40	ASTM D146
Fastener pull through 0°C	N	lbf	Pass	Pass	186	42	ASTM D3462
Average net mass per unit area of finished shingles	g/m <sup>2</sup>	lb/100ft <sup>2</sup>	Pass	Pass	4394	90	ASTM D228
Mass of glass mat per unit area	g/m <sup>2</sup>	lb/100ft <sup>2</sup>	Pass	Pass	85	1.7	ASTM D228
Asphalt mass per unit area	g/m <sup>2</sup>	lb/100ft <sup>2</sup>	Pass	Pass	732	15	ASTM D228

#### APPLICABLE STANDARDS

ASTM D3018  
 ASTM D3462  
 CSA A123.5  
 UL 790 & ASTM E108, Fire Resistance Class A  
 ASTM D3161 Class F  
 ASTM D7158 Class H  
 FM4473 Class 3 Impact Resistance