Roof Consultants

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Centerville, Utah
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Laboratory Testing of Concrete Roof Tiles

Test Method	*Test Results*	
Panel #1 - Legendary Split Timber - Ultra-Lite Weight		
NBS BSS 23 Hail Resistance, 40° F	*2" Dia. Ice Ball*	*2-1/2" Dia. Ice Ball*
	Pass	**Fail**
Panel #2 - New England Slate - Ultra-Lite Weight		
NBS BSS 23 Hail Resistance, 40° F	*1.75" Dia. Ice Ball*	*2" Dia. Ice Ball*
	Pass	**Fail**
Panel #3 - Legendary Split Timber - Standard Weight		
NBS BSS 23 Hail Resistance, 40° F	*2-1/2" Dia. Ice Ball*	*3" Dia. Ice Ball*
	Pass	**Fail**
ASTM D 3161 - 09 Fan-Induced Wind Resistance 3:12 Slope**	*Class F* *110 MPH*	*130 MPH*
	Pass	**Pass**
Panel #4 - BARTILE Split Timber		
NBS BSS 23 Hail Resistance, 40° F	*2" Dia. Ice Ball*	---
	Pass	---
ASTM D 3161 - 09 Fan-Induced Wind Resistance 3:12 Slope**	*Class F* *110 MPH*	*130 MPH*
	Pass	**Pass**

** Tiles were fastened with stainless steel 10d ring-shank nails. Windward edge of tiles were adhered using RT-600 Roof Tile Adhesive, according to BARTILE installation recommendations. Some tiles were also attached with hurricane clips.