



**Response Engineered Core SCL (REC-SCL)
General Physical and Mechanical Property Specifications⁽¹⁾**

Physical Properties		Test Method
Target Density	39 pcf	ASTM D 1037
Product Moisture Content	4-8%	ASTM D 1037

Mechanical Properties		
Internal Bond	30 psi	ASTM D 1037
Average Ultimate Bending Stress (MOR) - Flat	2450 psi	ASTM D 1037
Average Bending Stiffness (MOE) - Flat	588,900 psi	ASTM D 1037
#12 Screw Withdrawal - Face ⁽²⁾	700 lbs	WDMA TM-10
#12 Screw Withdrawal - Edge ⁽²⁾	490 lbs	WDMA TM-10
Cycle Slam Test ⁽³⁾	1,000,000	WDMA TM-7

Notes:

1. Values indicated above are **not** design values.
2. Screw withdrawal values are based on testing a #12 x 2" wood screw with 11 threads per inch of screw length. (WDMA TM-10)
3. Cycle slam: Hardwood/ SCL laminated Stiles and SCL Rails were used for testing

Date: May 2022-Please contact Lance Wasniewski at 1-877-200-4345 if this document is more than 2 year old.