

STRUCTURAL COMPOSITE LUMBER CORE (SCLC) IS PREFERRED CORE MATERIAL

VT offers structural composite lumber core (SCLC) as the preferred core material over Stave Lumber Core in our non-rated and 20-minute fire rated doors. SCLC provides superior strength and stability as a core material when compared to Stave Lumber Core. Other SCLC benefits include:

- Recognized in both WDMA I.S. 1-A and AWS Quality Standards as an approved component for stiles, rails and cores in flush wood doors
- It has structural integrity that is not achievable with Stave Lumber Core, providing an even, unblemished core material that does not swell, twist or warp easily
- Offers the best moisture resistance of all VT offerings
- Environmentally friendly as it's composed of fast-growing, renewable hardwood species such as aspen and poplar and comes only from managed forests
- No additional blocking is required unless dictated by fire rating and hardware
- VT provides SCLC in lieu of Stave Core

Related Resources:

- [WDMA Performance Duty Levels Technical Bulletin](#)