

COR veneer or lamella is made using Laminated Strand Lumber (LSL). It is made with a network of hardwood strands laminated together with a waterproof adhesive to form a single, solid piece of material. From this solid piece of lumber Nydree cuts veneers with state of the art horizontal band saws. The process of making veneers from Laminated Strand Lumber is patented. In case you were wondering, the term COR is an acronym that stands for “Conserve Our Resources”.

Nydree’s Acrylic Impregnation process takes an otherwise soft hardwood species Aspen with a Janka hardness of only 350 to a Janka hardness in the range of 3714 to 7357. This enables its use as commercial, high-traffic flooring.

Below are some of COR’s many ‘Green’ attributes.

- COR Veneer uses small diameter Aspen trees which regenerate quickly and are an under-utilized resource.
- COR Veneer uses 100% of every Aspen log. 75% goes into the manufacture of the veneer while the remaining 25% is utilized for plant heating (wood burner) or wood chips. This is substantial since traditional sawn lumber operations only utilize 40% of the whole tree.
- Laminated Strand Lumber does not contain formaldehyde-based adhesives.
- COR Veneer is certified under PEFC Annex 4. PEFC is the world's largest forest certification program. While there are several certification systems, PEFC has a large membership of smaller, non-industrial forests and family owned forests (over 6,000 companies are members). This chain of custody ensures that the timber is being monitored on a very high level of compliance.
- COR Veneer is certified under SFI standards. SFI stands for Sustainable Forestry Initiative and is one of four major certifying bodies in the United States, providing basics to ensure harvested areas are reforested, laws are obeyed and no unauthorized or illegal logging occurs. The Sustainable Forestry Initiative program is one of the largest forest management certification programs in the world with 245 participants and over 800 organizations.



- COR Veneer is also certified from Weyerhaeuser as FSC Controlled Wood. (FSC-STD-40-005-V2). Controlled wood certification enables forest management companies to demonstrate that their wood products have been controlled to avoid sourcing wood that has been illegally harvested, harvested in violation of traditional and civil rights, harvested in forests where high conservation values are threatened by management activities, harvested in forests being converted to plantations or non-forest use, and harvested from forests where genetically modified trees are planted.