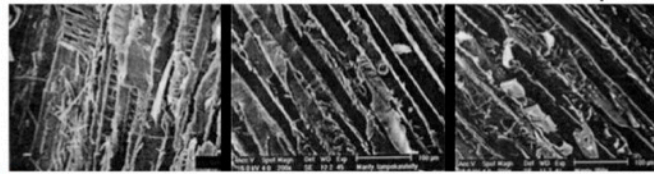


Why we use thermo-treated wood to make our wall planks?

Thermo-treated wood is **100% Green**, pure and safe - no chemicals, bacteria or insects in the wood.

Thermo-treated wood is **dimensionally stable**: shrinkage and swelling reduced 5-10 times. Hair-gaps installation.

Wood cells structure under microscope



Non-treated wood

Thermo-treated wood

350-year old wood

Thermo-treated wood might be **used in high humidity areas** as it is naturally protected against decay.

Thermo-treated wood is a real **old lumber**: the cells structure of thermo-treated wood and 350-year lumber are similar.

What is thermo-treatment of wood?

Thermo-treatment (thermal modification) of wood is a patented high-temperature technology which holds wood on the level of 400 degree F temperatures in oxygen-free chambers. During the process we modify poly-sugars inside of wood, change the molecular structure of lignins and remove all the water. So why thermo-treated wood is naturally durable. No chemicals are ever used – it is a 100% Green process and product! The moisture content of the wood after thermo-treatment is 2-4% and remains as this even in high humidity environment, so why thermo-treated wood is dimensionally stable.

