

CLT, Spruce - facts and maintenance

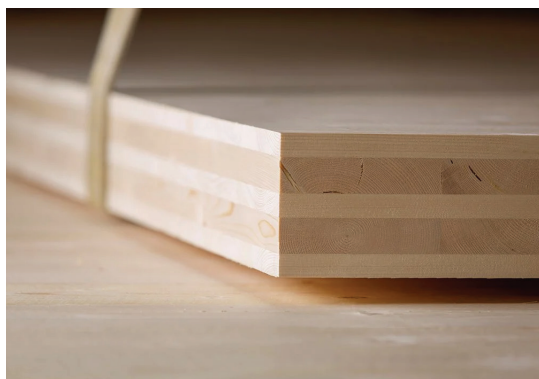
CLT

Cross-laminated timber, or CLT, is a glued wooden slab that is made up of an uneven number of layers of planed wood, usually 3-9. Each layer consists of finger-jointed boards, which are laid side by side. The layers are glued together and pressed together, in the same way as plywood.

Spruce

Picea abies

Spruce is Sweden's most common tree and one of the country's main export commodities. Spruce tolerates shade well and easily pushes out other species so that dense spruce forests contain few other trees. Spruce forest is the most common habitat in Sweden.



Curious facts about CLT

Cross-glued wood was developed in the late 1970s, and then began to be mass-produced in the 1980s, mainly in Austria. Because CLT is a versatile product, it can be used in widely different areas of use. Planar elements of CLT are used today primarily for walls and joists. CLT is an environmentally friendly and cycle-adapted building material and, when used correctly, CLT has a long service life. It can be reused in new constructions or converted into energy.

Rågö

The interior door Rågö is untreated on delivery, but can advantageously be surface treated with oil or similar. We recommend e.g. Osmo hard wax oil which is available in both transparent and several colours. If the door is to be used in a bathroom, it should be surface treated so as not to absorb moisture, which could otherwise cause the door to bend.

When CLT doors are installed in an indoor environment where the temperature is around 20 °C throughout the year, the air is very dry during the winter months. This means that the timber surface dries out and shrinks. Cracks will then appear to a greater or lesser extent. However, it is only the outer layer on the inside and outside of the door that gets cracks, this is a natural effect that is part of the material and nothing that affects the door's construction or durability. Over time, you can also expect that the color of the wooden surface will change (in the case of untreated or transp. oil).

Enjoy your interior door in CLT!