

Interreg



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CO₂ Comparisons . Fance

Interior & Furniture

compiled by

HOLZ VON HIER

www.holz-von-hier.de

INTERIOR
of short distances







For interior design and furniture construction, it is important to pay attention to evidence of short distances.

For interior fittings, the average amount of material for inner walls, cladding, ceilings, staircases, etc., ranges about 14 m³ wood / building (about 7 t). According to the quantitative weighted CO₂ emissions the most important importing countries a to France are: for (1) Particle board and (2) Plywood: China, Russia, Spain, Finland and Brazil, for (3) Hardwood lumber: Brazil, Vietnam, Cameroon, USA and Germany and for (4) Veneer: Gaboon , Congo, Portugal, Spain, Finland.

Extra climate-friendly interior fittings and furniture are made by short distance materials.

Owing to overlapping material flows of semifinished products for interior fitting in France's foreign trade, avoidable CO₂ emissions are produced annually of: 16.894 t CO₂ (particleboard), 8.796 t CO₂, (plywood), 23.570 t CO₂ (hardwood lumber) and 13.738 t of CO₂ (veneer). In total, it is 62,998 t CO₂ per year. The CO₂ savings by using HvH semiproducts in France are 2.9 times higher than by the European Green Building Program and 0.5 times as much much as through the Green Light program. It would correspond to the CO₂ saving of 30.000 houses with photovoltaic systems.

Materials for interior construction with wood of short distances (Low Carbon Timber - HOLZ VON HIER) instead of Brazil or USA save 2.5 to 3.1 t CO₂ per residential building.

	The replacement of „LED instead of light bulb“ in the whole house will reach the same CO ₂ savings only after 12 to 15 years.
	This compensates for CO ₂ emissions through 1 to 1.2 years of electricity and heating in a modern new residential building.
	This compensates for the CO ₂ emissions of 1.1 to 1.4 years driving a middle class car.
	The replacement of older equipment with the most energy-efficient equipment on the market only reach about the same CO ₂ savings in case of washing machines after 47 and 74 years and for refrigerators after 20 and 25 years.



Ask for ... !

One cannot guess the origin and transport distances for the wood by looking at the product. Therefore ask for a Low Carbon Timber Certificate (HOLZ VON HIER) for your purchased timber product.

This eco-label captures all material flows from the along the whole supply chain. The certificate labels a product of extra climate-friendly wood of short distances and sustainable forestry.

By asking for a certificate You give a valuable contribution to the protection of climate, biodiversity and the environment and strengthen your region.