

kg Cork slab

Cork slab is manufactured from cork material obtained from the bark layer of cork oak trees. Cork slab is often made as a by-product of wine stopper production or from recycled cork. It is often made by combining ground granulated cork with a binding agent.

Cork slab is lightweight, rot resistant, fire resistant and termite resistant. It is available in a variety of thicknesses, from 6 mm and used for a range of purposes, including floor and wall tiles, thermal insulation, benchtops and exterior cladding.

Cork slab products are typically available as rolls up to 25 m long, as 600 or 900 mm wide sheets and 300 or 600 mm square tiles.

Category Timber products

Type Cork

Functional unit kg

Specific heat 2 000 J/(kg·K)

Density 120 kg/m³

Common uses
Insulation, floor tiles, wall tiles, exterior cladding, floor finish, benchtops

Process name
Cork slab, at plant/RER U/AusSD U

Input-output sector
Other Wood Product Manufacturing

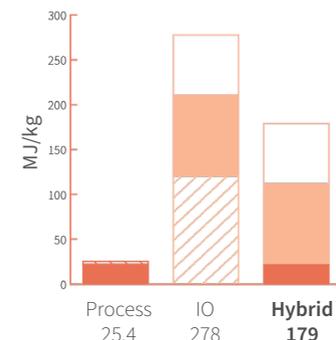
Further information
doi.org/10.26188/5da55336dce12

Material variations

	Unit	Energy (MJ/unit)	Water (L/unit)	GHG emissions (kgCO ₂ e/unit)
Cork slab	kg	179	199	9.5
Cork slab - 6 mm	m ²	129	143	6.8
Cork slab - 10 mm	m ²	215	238	11.4
Cork slab - 12 mm	m ²	258	286	13.6
Cork slab - 20 mm	m ²	430	477	22.7
Cork slab - 50 mm	m ²	1 074	1 191	56.8



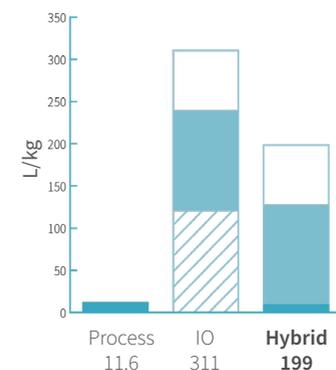
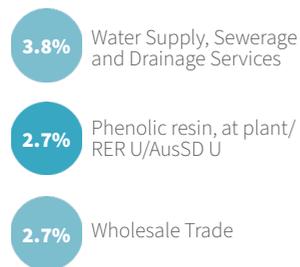
TOP THREE INPUTS



ENERGY



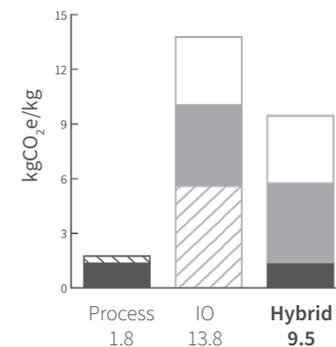
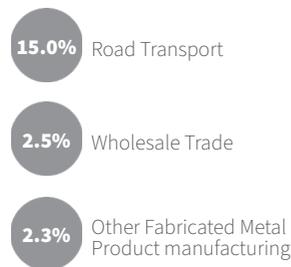
TOP THREE INPUTS



WATER



TOP THREE INPUTS



GREENHOUSE GAS EMISSIONS

