

Fact sheet on life cycle assessment

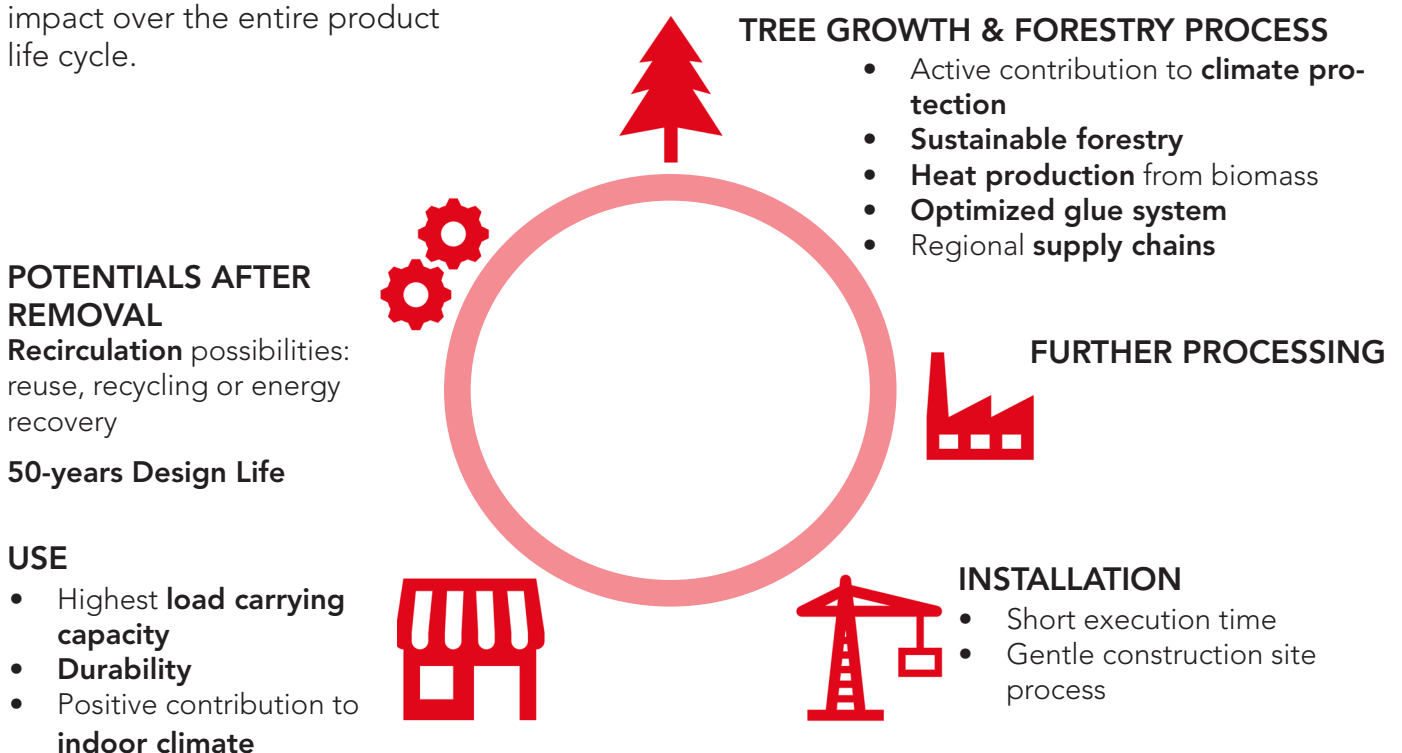
Eric Tweedale Stadium, Cumberland, Sydney, Australia



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With the publication of product-specific environmental product declarations, RUBNER Group makes visible its contribution to **environmentally conscious planning and construction**.

The life cycle assessment of RUBNER products considers the potential environmental impact over the entire product life cycle.



Eric Tweedale Stadium, Cumberland, Sydney, Australia



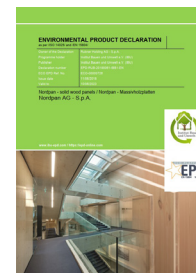
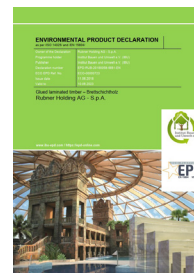
In Eric Tweedale Stadium

- 185 m³ of **Glulam**
- 17 m³ of **nordpan solid wood panels**

from **RUBNER** are installed.

Thus are

- 154 t CO₂e stored directly in the wood;
- 45 t CO₂e emissions generated from the production - cradle to site



Each RUBNER EPD contains 75 environmental figures.

Thanks to the net storage effect, Eric Tweedale Stadium provides an **active contribution to climate protection of around 109 t CO₂e**. This storage effect corresponds to the greenhouse gas emissions of



≈ **5 Australians** per year



≈ the combustion of **268 barrels of oil**



≈ truck transport over **119,878 ton-kilometres**



In Austria, where Rubner Group sawmill RHI is located, about 30 million cubic metres of wood grow every year. Basing on this pace, the **202 cubic metres** used for the structure of Eric Tweedale Stadium **have grown in about 8 minutes**.

