



environment, forestry & fisheries

Department:
Environment, Forestry and Fisheries
REPUBLIC OF SOUTH AFRICA

Appendix C.1.B: Country specific Mass flow factors for sawn wood

Mass flow factors for all sawn wood production systems based on inflows of round wood. The only available mass flow factors for the sawn wood products are provided by Kerr (unpublished thesis, 2019) as shown in

Table C.19. These are based on mass flow for all sawn wood products in South Africa, so these estimates are not suitable for use by individual mills because recovery rates could vary from 28 to 100 % (Christie and Scholes, 1995). These are not considered to be suitable for reporting of HWP flow for individual companies.

Table C.19: Mass flow factors for sawn wood. Not to be used for Tier 1

Mass flow factor	Value (t C/t C of roundwood inflows)
fmC_E	0.061
fmC_{LW}^*	NA
fmC_{sw}	0.092

* There are no liquid waste emission C flows in the sawn wood processing sector (NA= not applicable)