Ladders

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| **Item** | **Assumptions** | **Value** | Source |
| Leaning Wood | * American red oak * 700 grammes of green leather (not having it would greatly reduce GWP) | 106kg CO2-eq  (57kg CO2-eq w/o leather) | [Link](http://www.americanhardwood.org/fileadmin/docs/The_Wish_List_LCAs/rogers_moseley.pdf) |
| Aluminum | * 6 ft ladder made entirely of aluminum * Weighs 14.5 lb * Component LCA approach (production, transportation, etc. not accounted for)   (14.5lb=6.58kg)  (1kg typical cast aluminum→9.22kg CO2-eq) | 60+ kg CO2-eq | [Link 1](https://drive.google.com/file/d/0Bx765-83XVBHR3RNN2czdXFiMG8/view?usp=sharing)  [Link 2](http://www.homedepot.com/p/Werner-6-ft-Aluminum-Step-Ladder-with-250-lb-Load-Capacity-Type-I-Duty-Rating-366/100659875) |
| Fiberglass |  |  |  |
| Steel |  |  |  |

Other links: <http://www.ladders.net/material>