



Net Carbon Removal Benefit Calculation

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MaMa Poppies

by

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Project details

Address: Klaprozenweg 39, 1032 KN Amsterdam, The Netherlands
Project type: Residential: multi-storey
Expected realisation year: 2025
Project lifespan: 75 years
Gross floor area: 8142 m²
Project phase: Under Construction

Project description

MaMa Poppies is a residential (multi-family) complex consisting of 103 mid-rent apartments, 4 commercial spaces (office & hospitality) and 53 underground parking spots, located in the North district of the city of Amsterdam. Developed according to the design principles and living philosophy of MaMa Pioneers, the complex is largely constructed in mass timber with modular cross-laminated timber (CLT) 3D units and the highest sustainability credentials (BENG 2: < 5.51 kWh/sqm/year) combined with spacious common/shared spaces (e.g. rooftop terrace and garden, ground floor garden, kitchen (indoor and outdoor), living room, co-working spaces, laundrette) to stimulate the community feeling among the residents.

Based on a total Construction Stored Carbon of 1907.13 tCO₂e,

The Net Carbon Removal Benefit of the project is calculated at:

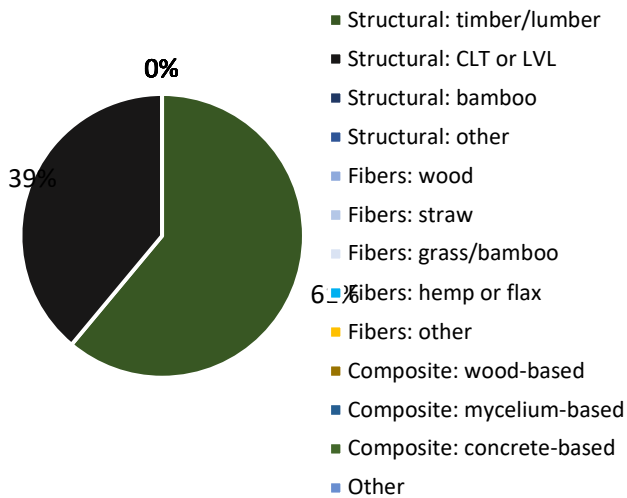
1,826 t CO₂e

Per square meter Gross Floor Area of the project this equates to:

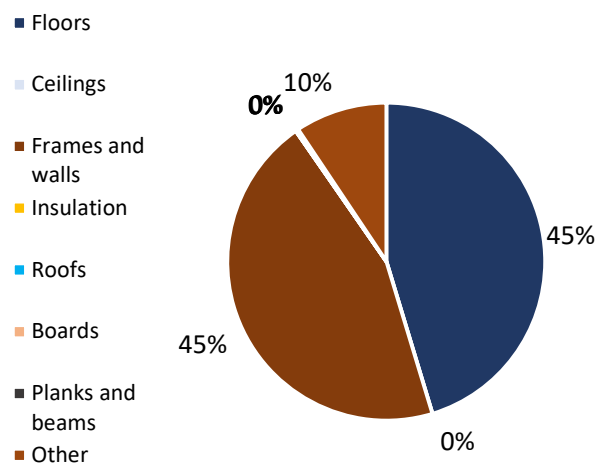
224.2 kg CO₂e / m²

With a total lifespan (including reuse) of at least 75 years

CSC per main material type



CSC per product category



Calculation input

The table below shows the registration numbers of the EPDs of the biobased products used in the project, as well as the manually entered data used to calculate the project's Net Carbon Removal Benefit:

[illegible]