

Himley – Embodied Carbon/ Materials Statement

Measuring Embodied Carbon at Cala

Cala recognises the importance to addressing the embodied carbon impact of our developments, in addition to operational carbon. Indeed, as operational carbon moves towards zero (through electrification and improved building fabric), embodied carbon becomes the predominant issue when considering the lifetime carbon impact of the development.

In 2025, Cala had new Science Based Targets (SBTs) for greenhouse gas reduction validated by the Science Based Targets Initiative (SBTi). We are the first UK housebuilder to have a specific reduction target for upfront embodied carbon¹ validated by SBTi. Cala commits to reducing our upfront embodied carbon by 71.7% before 2035, and by 96.8% before 2045 (measured as kg CO₂e per m² developed floor area, baseline year 2023).

We will meet this ambitious target in two ways:

- **Continuing our rollout of timber frame construction** across our standard low-rise product. In 2024, 41% of our standard product was timber frame and we expect this to rise to 100% by 2030.
- **Working with our supply chain partners to source low-carbon alternatives** for existing materials, either through decarbonised products or more local sourcing. We are already trialling new products across our portfolio, including low-carbon bricks and biogenic insulation.

Sustainable Timber

To support our move towards 100% timber frame construction, in 2023 Cala acquired a timber frame company (Taylor Lane Ltd), and it is this timber that will be used on the Himley site. All of Taylor Lane's timber has either FSC or PEFC² certification with full Chain of Custody evidence. Taylor Lane is a PEFC certified supplier (license number PEFC/16-37-658).

Where timber products from other suppliers are required on site, sourcing of these will be covered by Cala's Sustainable Timber Policy. Details of this policy can be found here:

¹ Measured using One-Click LCA software against RICS's Whole Life Carbon Assessment Standard, categories A1 to A4.

² FSC (Forest Stewardship Council) and PEFC (Programme for the Endorsement of Forest Certification) are the leading international bodies for certification of sustainable timber. These schemes ensure that the certified timber is from sustainably managed forests – both environmental sustainability (e.g. replanting, biodiversity) and social sustainability (e.g. worker conditions). Certification is subject to rigorous audit and chain of custody checks.

<https://www.cala.co.uk/about-cala/company-reports-and-policies/>

Sourcing Building Materials

Our choice of building materials is governed mainly by strict adherence to Health and Safety standards, particularly fire safety. Once these attributes have been assured, we look to source materials that offer the optimum balance between low carbon and cost effectiveness.

In common with other UK housebuilders, we have a number of group commercial deals on key products to ensure supply availability and best price. However, much of our commercial strategy is based on standard technical specifications and buying guidance rather than mandating the use of specific products or manufacturers. This enables our local commercial teams to source more local products for individual sites as long as they meet the required technical specification.

For the Himley site, we will endeavour to source local materials where possible through our standard contracting process as long as they do not compromise our technical specification, and offer favourable commercial terms.