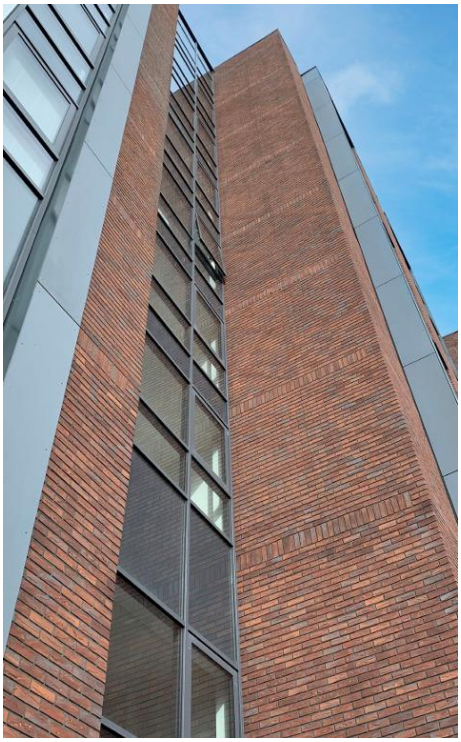
CARBON FOOTPRINT

AlivaFlex M Direct Fixed

External Wall Insulation System (ETICS) · Aliva UK Ltd

✓ Based on independently verified EPD **HUB-7207** (EPD Hub, ISO 14025)

What is GWP? This quantifies a product's contribution towards global warming. Often shortened as GWP, this is the value commonly referred to as carbon footprint or embodied carbon.



GWP-TOTAL, A1-A3

21.6

kg CO_2e / m²

GWP-FOSSIL, A1-A3

24.3

kg CO_2e / m²

DECLARED UNIT

1 m² of AlivaFlex M Direct Fixed External Wall Insulation System (ETICS) at a reference mineral wool insulation thickness of 110 mm, installed on a masonry or lightweight steel frame substrate.

MASS OF DECLARED UNIT

32.938 kg

A1 Raw materials	A2 Transport	A3 Manufacturing	A4-A5 Construction	B1-B7 Use	C1-C4 End of life	D Beyond boundary

Cradle-to-gate scope (A1-A3) - raw material extraction and supply, transport to factory, and manufacturing. Later life-cycle stages are not included in this document.

PRODUCT DESCRIPTION

AlivaFlex M Direct Fixed is a certified External Wall Insulation and Cladding System (ETICS) designed and supplied by Aliva UK Ltd. Mineral wool insulation boards are mechanically fixed, with supplementary adhesive, to the external face of the supporting wall structure, followed by a cementitious basecoat with embedded fibreglass reinforcement mesh, and finished with a granular resin-bound lightweight slip to replicate a brick finish. The system is designed for use on new build and retrofit building envelopes across the residential, commercial, education, social housing and mixed-use sectors.

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This is a self-declared carbon footprint, prepared in accordance with ISO 14021, calculated according to ISO 14040/14044, and following EN 15804+A2. It is derived directly from the underlying data of the AlivaFlex M Direct Fixed Environmental Product Declaration (EPD HUB-7207), independently verified by EPD Hub in accordance with ISO 14025. This document is not itself a third-party verified EPD.
Life Cycle Assessment prepared by Enviro LCA.