



Master Builders Solutions Admixtures US, LLC

July 22, 2025

Subject: Verification of the Functional Unit and Standard Compliance of the Bilco Gray Brick Environmental Product Declaration (EPD)

To Whom It May Concern:

This letter serves to confirm that the Environmental Product Declaration (EPD) for Bilco Gray Brick reports environmental impacts per cubic meter (1 m^3) of manufactured concrete masonry product. This unit of measure represents the declared unit used throughout the EPD to quantify life cycle environmental impacts including Global Warming Potential (GWP), energy use, water consumption, and other relevant indicators.

In accordance with accepted standards for EPD development for construction materials, the Bilco Gray Brick EPD utilizes 1 m^3 of product as the functional unit, providing a transparent and consistent basis for comparison with other masonry materials. This approach enables architects, engineers, and sustainability professionals to make accurate and meaningful evaluations of environmental performance based on volume.

The EPD for Bilco Gray Brick is developed and verified in accordance with the following internationally recognized standards:

- ISO 14025 – Environmental labels and declarations – Type III environmental declarations – Principles and procedures, which defines the framework for independently verified and registered environmental declarations based on life cycle assessment.
- ISO 21930 – Sustainability in buildings and civil engineering works – Core rules for environmental product declarations of construction products and services, which provides product category rules (PCR) specific to building materials and ensures consistency and comparability across EPDs in the construction sector.

These standards ensure that the data disclosed in the EPD is accurate, consistent, third-party verified, and meets the requirements for environmental transparency and integrity.

A handwritten signature in black ink that reads "Richard Hubbard III".

Richard Hubbard III
Sr. Technical Specialist
Master Builders Solutions Admixtures US, LLC

