

LEED STATEMENT

ARCHITECTURAL COATINGS LIMEWASH

LEED V4 CERTIFICATE CONTRIBUTION

LEED (Leadership in Energy and Environmental Design) is a global green building certification program developed by the US Green Building Council. To achieve LEED certification, projects must satisfy all the prerequisite and desired credit requirements.

The performance of the project, when measured against these criteria, determines a certification status of Silver, Gold, or Platinum.

Armourcoat is committed to sustainability across all aspects of its business. We strive to formulate all our products without VOC's or solvents and utilize recycled materials as widely as possible.

MATERIALS AND RESOURCES (MR)

INTENT: to consider the entire life cycle of the building, from extraction and manufacturing, to transport, operations, maintenance and eventually the end of life, with the aim of minimizing the total embodied energy within a building.

ENVIRONMENTAL PRODUCT DECLARATIONS

MR Credit (1-2 points)

INTENT: to consider the entire life cycle of the building, from extraction and manufacturing, to transport, operations, maintenance and eventually the end of life, with the aim of minimizing the total embodied energy within a building.

APPLICATION: Armourcoat has undertaken a full life cycle analysis for Limewash and has independently verified and published EPDs.

Armourcoat Limewash has an exceptionally low GWP/m² when compared with conventional paints based on polymer binders.

Armourcoat Limewash GWP:

Total A1-A3 = 0.054 kgCO₂e/m²



MATERIAL INGREDIENTS

MR Credit (1-2 points)

INTENT: to encourage the use of products and materials for which life cycle information is available and that have environmentally, economically, and socially preferable life cycle impacts.

APPLICATION: Armourcoat discloses all chemical product ingredients in Limewash and has a HPD Version 2.2 (Health Product Declaration) that confirm the absence of harmful substances.

All materials in Armourcoat Limewash have been screened against the Living building Challenge (LBC) red list materials as part of the HPD generation. Ingredients screened down to 0.1% (1000 ppm).

INDOOR ENVIRONMENTAL QUALITY (EQ)

INTENT: to contribute to the comfort and well-being of all building occupants by establishing minimum standards for indoor air quality.

LOW EMITTING MATERIAL

EQ Credit (1-3points)

INTENT: to reduce the concentration of chemical contaminants that can damage air quality and the environment and to protect health, productivity and comfort of installers and building occupants.

APPLICATION: Armourcoat Limewash was tested for VOC content to ISO 11890-2 and achieved <1g/l which is below the limit of detection.

Armourcoat Limewash was tested for Indoor Air Quality Emissions by Eurofins and achieved Gold status.