

Graphenstone

 AVAILABLE AT THE DONGHIA MATERIALS LIBRARY

LEC

 LOW-EMBODIED CARBON MATERIAL

Graphenstone has updated traditional lime paint formulas with their product by adding graphene, a material made from carbon. Graphene lends the paint extreme strength, durability, and washability. Additionally, the use of lime creates a paint that is not only free of harmful substances, but one that also actively improves indoor air quality by absorbing toxics and CO2. The white interior and exterior paint have a Cradle to Cradle Gold certification.

This product meets HML's criteria for low embodied carbon in part because of its use of renewable energy and CO₂ absorbing ingredients. As the product is produced in Spain, shipping can negate it's low emission score.

*NOTE: Recently, researchers have raised health concerns about graphene. According to the manufacturer, Graphenstone uses Nano Fibers of Graphene (NFG), which has a larger structure that is not harmful to human health.



CATEGORY	MANUFACTURER
Paint / Mineral, Lime	Graphenstone

MATERIAL COMPOSITION*

Calcium Hydroxide (Lime) 40-70%, Water 10-30%, Calcium Carbonate 5-20%, Additives 1-5%

**as reported by the manufacturer*

AVAILABLE SIZING

Available in 1L, 4L, 12.5L, and 15L

COLORS

Available in a wide range of colors. White is the only color with a C2C Gold Certification.

CERTIFICATIONS & DISCLOSURES

- ☐ ~~Health Product Declaration (HPD)~~
- ☐ ~~Declare Label~~
- ☒ Environmental Product Declaration (EPD)
- ☐ ~~Safety Data Sheet (SDS)~~
- ☐ ~~USDA Certified Biobased Product Label~~
- ☐ ~~Other~~
- ☒

LAST UPDATED

April 02, 2024

