



GRAPHENSTONE®

Graphenstone Paints – Helping Corporations reach their ESG objectives

Graphenstone paints offer meaningful benefits to corporate ESG goals. Certified with one of the world's lowest profiles in CO₂(e) plus a significant CO₂ absorption benefit, during the curing process. Our products comply with Building Standards such as BREEAM, WELL & LEED, while offering unmatched performance without compromise. Based on natural minerals, trusted for millennia, Graphenstone offers a greater range of globally recognised harm-free certifications than any other eco-brand, thereby ensuring the complete confidence of our clients via the most rigorous, independent analysis of our products.

The choice of coating is a potentially significant source of ESG saving

Volatile Organic Compounds (VOCs)

As directed by the British Coatings Federation, the term 'Trace VOCs' may be used by coatings that contain less than 0.1% VOC's

Graphenstone paints contain **trace levels** of VOCs.

Graphenstone paints contain less than 0.1 g VOCs per litre... the lowest on the market

Micro-plastics

Paints contribute a greater tonnage of microplastic pollution in the world's oceans than any other single source. According to a recent report from Environmental Action, Switzerland, over 58% of all microplastics in oceans are from paints, **some 1.9m tonnes a year**.

Graphenstone paints contain only **trace levels** of micro-plastics.

Graphenstone paints do not contribute to the issue of plastics in the oceans

Carbon Saving (CO₂(e))

A simple comparison of our "Global Warming Potential" figure from our published EPD, with those of our competitors shows a substantial difference in the "CO₂ Footprint" (measured in kg CO₂(e) / m²). While small per m², when multiplied by the total meterage of a large painting project, this can result in meaningful savings.

Graphenstone's paints have saved some companies significant CO₂(e) tonnage

Although a small percentages of the total embodied carbon figure for a project, the incremental benefit offers a useful contribution to your ESG goals

Graphenstone paints offer significant CO₂(e) savings

[GRAPHENSTONE EPD](#)



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Graphenstone paints offer CO2 Absorption benefits

The Lime Cycle is a recognised natural process. When lime paints cure after painting, the Calcium Hydroxide (liquid lime) dries and absorbs significant volumes of CO2 as it returns to Calcium Carbonate (limestone) on your walls and ceilings.

- A 15 litre tub of Ambient Pro+ will absorb approx. 5kg of CO2 in the curing phase. The CO2 is permanently locked into the product.
- This CO2 absorption process virtually offsets the CO2 released during the lime processing phase. Not only is the overall CO2(e) footprint in production considerably lower than traditional synthetic based paints, but the paints also offer the significant ADDITIONAL benefit of CO2 absorption post application.

Graphenstone paints remove CO2 from the environment, significantly improving Indoor Air Quality

Active Air Purification paint – year after year

The issue of internal and external air pollution is deteriorating, creating consequences ranging from headaches, lung conditions (asthma etc) and tiredness, even terminal illness.

Given we spend up to 88% of our time indoors, air quality affects us all in our everyday lives – whether it be at home, at work or at leisure.

Ambient Pro+, our flagship paint, absorbs CO2 in curing. However, it's photocatalytic capabilities also offers an air-purification benefit, removing toxins like NOx, SOx and other harmful gasses, year after year, post application.

Graphenstone paints remove pollutants such as NOx & SOx from the air

Ambient Pro+ The King of Sustainable, Ecological, Healthy paints with significant ESG benefits

- **Trace VOC's**
- **Negligible microplastics (trace)**
- **Unique CO2(e) profile and CO2 Absorption benefits**
- **Purifies and cleans the air of toxins**
- **Lime base**
- **Breathable, excellent yields and covering power**