
GRAPHENSTONE®
Helping Corporations reach
their ESG objectives

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Graphenstone paints offer meaningful benefits to corporate ESG goals.

Certified with one of the world's lowest profiles in CO_2(e) plus a significant CO_2 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 almost any other 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)

Paints contain different levels of solvents, also known as Volatile Organic Compounds (VOCs). Solvent content can vary from negligible amounts to, in some cases, very high levels of solvent. Excessive exposure to VOCs can have negative effects to your health and the environment.

According to the BCF classifications, content falls into 6 categories

- 'TRACE' = VOC CONTENT <0.1%
- 'MINIMAL' = VOC CONTENT 0.1 - 0.29%
- 'LOW' = VOC CONTENT 0.30 – 7.99%
- 'MEDIUM' = VOC CONTENT 8 – 24.99%
- 'HIGH' = VOC CONTENT 25 – 50%
- 'VERY HIGH' = VOC CONTENT more than 50%

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

Graphenstone paints contain less than 1g or less than 0.1% VOCs per litre... the lowest on the market.

Graphenstone paints contain only trace levels of VOCs.

Carbon Saving CO_2(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 "CO_2 Footprint" (measured in kg CO_2(e) / m^2).

While small per m^2, 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 CO_2(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 CO_2(e) savings.

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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.

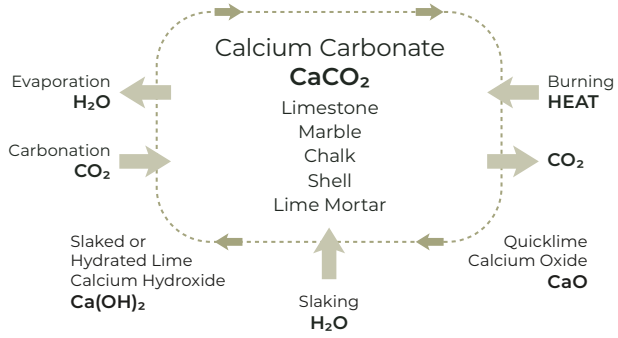
Given we spend up to 88% of our time indoors, air quality affects us all in our everyday lives – whether it be at home, at work or at leisure.

Ambient Pro+, our flagship paint, absorbs CO_2 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 helping to purify the air.

Graphenstone paints offer CO_2 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 CO_2 as it returns to Calcium Carbonate (limestone) on your walls and ceilings.



A 15 litre tub of Ambient Pro+ will absorb approx. 5kg of CO_2 in the curing phase. The CO_2 is permanently locked into the product.

This CO_2 absorption process virtually offsets the CO_2 released during the lime processing phase. Not only is the overall CO_2(e) footprint in production considerably lower than traditional synthetic based paints, but the paints also offer the significant ADDITIONAL benefit of CO_2 absorption post application.

Graphenstone paints remove CO_2 from the environment.

***the majority in the first 30 days following application.**

Sustainable, Ecological, Healthy paints with significant ESG benefits

- Trace VOCs
- Unique CO_2(e) profile and CO_2 Absorption benefits
- Purifies and cleans the air of toxins
- Natural, sustainable materials - lime and silicates
- Class 1 vapour open - allows the surface to 'breathe'
- Durable to Class 1 Wet scrub
- Great coverage and high yields - up to 18m²/L