



Kildare Hall Case Study

Targeting Air Quality

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The Clean Air System is proven to reduce harmful NOx by up to 15% over a 12-month period. This will improve air quality for staff, visitors and the local community.



380 SQM

Coated Facade



30 KG

NOx Removed Per Annum



15,250 PA

Average Vehicle Journeys Offset

WHERE

Kildare Hall, Three Counties Show Ground, Malvern, Worcestershire

WHAT

The Three Counties Team partnered with Clean Air by Resysten to apply their anti-pollution coating to the east elevation of Kildare Hall, their brand-new, multi-use event space which opened Spring 2024.

SOLUTION

The spray has been applied to the external cladding and lower brickwork of the eastern elevation of Kildare Hall to target and breakdown harmful atmospheric air pollutants, such as Nitrogen Oxides (NOx), a major contributor to poor air quality. NOx (together with VOC's and CO) is also a precursor to the formation process of Ozone (O3), a greenhouse gas that contributes to climate change.

The Kildare Hall application is the first on site as the Three Counties look to expand their net zero strategy to improve air quality around their major live public events held throughout the year.

BENEFITS

Air Quality

1

The application of the Clean Air by Resysten product to this building will present a significant environmental benefit in the removal of harmful atmospheric air pollutants (NOx).

Employee & Community Health

2

This intervention presents a positive position on air quality for event visitors and the local community alongside the opportunity to drive best practice on workforce health.

Self-Cleaning

3

The product also brings a self-cleaning capability, able to resist the build-up of fine particulates, mold and algae keeping the facade cleaner whilst saving water usage in cleaning regimes.

