



*Unlocking
the potential
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Clean Air Blanket Case Study – Retail Park, Somerset



Prestige Air retro-fit the Clean Air Blanket system of gas protection to remediate existing insufficient gas protection systems. Action was required due to breaches in the gas membrane in conjunction with the passive venting system allowing gas accumulation below the building.

At this retail park in Somerset the carbon dioxide levels within the building were triggering the alarms and subsequent investigations which also found levels of methane gas ingress concluded that ground subsidence may have compromised both the passive ventilation system and the gas membrane.

Subsequent investigations using a tracer gas injected into the passive vents revealed numerous ingress points within the structure and the retrospective installation of three positive pressurisation units restored the correct level of gas protection.

