

About White Air

White Air is a primarily family run company that is part of a group of companies that has dominated the construction industry for the last decade.

Air Testing Specialists

White Air operates in accordance with ATTMA TSL1. Our permeability engineers are fully certified and work all over the UK.

White Air is also an approved installer of the WALLTITE® spray insulation system. This can be applied to new and existing properties.

WALLTITE from BASF is a foam insulation system for internal walls, floors and roofs that provides a seamless airtight solution, which, unlike conventional insulation materials, is spray applied.

Sister company is:



Timber frame design, manufacture, installation of passivhaus and low energy homes.



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Air Testing

On-site testing with same day certification. This also includes building calculations and comprehensive report on our test.

Airtightness plays a significant role in the energy efficiency of buildings for a few reasons. By limiting the leakage of heated/conditioned air from buildings, it is possible to reduce energy consumption and costs.



The government has made commitments to reduce carbon emissions through the European Energy Performance of Buildings Directive (EPBD) and the Kyoto Agreement.

What we offer:

Smoke Pen Testing: On Site testing which will highlight areas of leakage in the building which will need attention prior to air testing.

Air Permeability: Air permeability is the control of air leakage through the fabric of the building. This will include both infiltration and ventilation movement of the building.

Spray insulation

White Air is an Approved Contractor for WALLTITE® – a spray foam insulation system for internal roofs, floors and walls that provides a seamless airtight solution.

Benefits:

Energy efficiency: speedy, efficient insulation solution coupled with significantly lower U-values than other conventional insulation materials. Thermal conductivity as low as 0.025W/mK.



Air tightness:

The continuous spray leaves a minimal amount of surface area without insulation resulting in an airtight building envelope of low permeability, and without the need for supplementary material. The purple foam is fast to apply and quick to cure. WALLTITE therefore offers the specifier an all in one solution to meet and exceed latest Building Regulations requirements.

Sustainability:

By virtually eliminating air leakage, WALLTITE with its closed cell structure helps control the movement of vapour and moisture throughout the building, reducing the risk of condensation and mould. Sustainable over the life span of the building, WALLTITE can even prolong the buildings life as it protects against premature deterioration of building materials.

Design freedom:

WALLTITE also provides the specifier with complete design freedom as the spray foam adapts to the shape of the substrate providing an ideal solution for insulating difficult areas such as profiled and curved roofs.



Occupier comfort:

For building occupiers, WALLTITE makes a significant contribution to a comfortable indoor climate by creating a draft free environment that prevents the infiltration of pollutants, toxins and allergens.

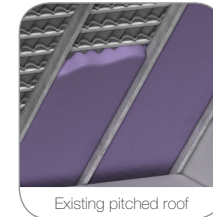


Typical Applications

WALLTITE® is ideal for many applications:



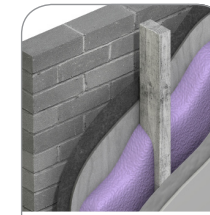
New pitched roof



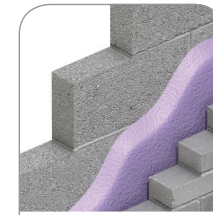
Existing pitched roof



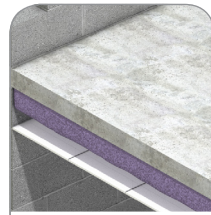
Room in a roof



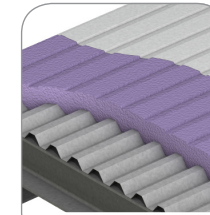
New timber frame wall



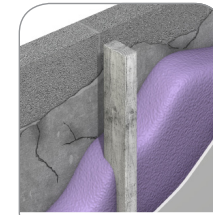
Masonry cavity wall



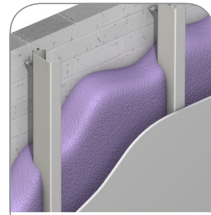
External soffit



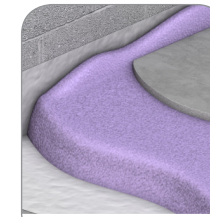
External roof



Refurbished masonry wall (timber frame)



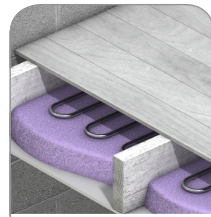
Refurbished masonry wall (steel stud)



Concrete slab ground floor



Beam and block floor



Suspended timber floor



WALLTITE®
The airtight insulation solution