



The lightweight, pre-insulated air movement system, designed to save you time and money.



Key benefits

of Airlite KoolDuct[®], Airlite Plenum Boxes and Armalite KoolDuct[®]

COST

Much lower capital cost, compared with sheet metal ductwork and insulation

WEIGHT

- Approximately 15% of the weight of traditional steel ductwork and insulation
- Fewer supports required
- Single application
- ...resulting in quicker and cheaper installation

SUPERIOR

- Reduced air leakage
- Lower energy consumption
- Cheaper running costs
- Improved air quality
- Suitable for dry cleaning NHS approved

STRENGTH AND VERSATILITY

- Suitable for all areas of all buildings
- Easily integrates with existing ductwork components
- Simple training provided for all installers

AESTHETICALLY PLEASING

- Suitable for 'on-show' installations and applications
- Available with many weather-proof, decorative and mechanical coverings

TECHNOLOGY

- Manufactured from Kingspan superior phenolic foam insulation panels
- Precision engineered by computerised machinery
- Hand-assembled with extensive quality controls





Cheaper. Lighter. Easier.Airlite is the perfect solution.

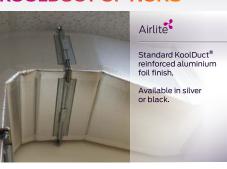
Sterling Thermal proudly uses Kingspan® KoolDuct® insulation panels, boasting these features:

- Free of CFCs and HCFCs
- · Chemically inert
- Zero ozone depletion potential
- Heat resistant (80°C / 70°C continuous)
- Moisture resistant (90% + closed cell structure)
- Product sustainability

- Excellent thermal performance (0,021 W/m-k at 10°C)
- Class O Fire & Smoke Performance
- Meets TIMSA Guide, BS5422:2001, NES Y50, and DEO Spec 037

Airlite KoolDuct[®], Airlite Plenum Boxes and Armalite KoolDuct[®] are a cost-effective, innovative solution for all ductwork applications, either as an alternative to, or alongside, existing traditional galvanised ductwork.

KOOLDUCT OPTIONS















Plenum Boxes

Sterling Airlite Plenum Boxes available to suit all grilles, diffusers and FCUs.

Available in silver and black.





OTHER SERVICES FROM STERLING THERMAL

fax

Trace heating

Sterling Thermal are experienced suppliers and installers of trace heating products, and established Tyco (Raychem) partners.

Insulation

We are contractors with years of experience in thermal insulation, acoustic insulation and passive fire protection.

Underfloor heating

Experienced suppliers and installers of electric underfloor heating systems. Products also available online at **traceheatingsolutions.com**





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All components are manufactured by Kingspan Insulation Limited. Kingspan, KoolDuct, and the Lion Device are registered trademarks of the Kingspan Group plc. **www.insulation.kingspan.com**



For more details and pricing information, get in touch:

call 020 8763 5678

020 8763 5679

visit www.sterlingthermal.com
email us@sterlingthermal.com