

spiralite®
energy saving ductwork

خانصاحب
KHANSAHEB
INDUSTRIES

since 1935
Sustainability Through Innovation

Innovative, high performance, insulated ductwork systems

that save energy, cut costs and reduce
environmental impact.

KHANSAHEB INDUSTRIES

Since 1935 the Khansaheb Group has a strong heritage of pioneering innovation and development in the UAE and GCC. Khansaheb Industries LLC was established with a mission to introduce the latest innovative energy efficient products and technologies into the local and regional markets.

As a start, we acquired the Global Intellectual Property Rights of Spiralite® non-metallic ductwork. In addition to several prestigious projects in the UAE, Spiralite® has been installed in the international markets in U.K., Ireland, Spain, Singapore and Oman, to name a few.

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| SPIRALITE

Spiralite® is manufactured and distributed solely by Khansaheb Industries from our state-of-the-art production and development facility in Technopark. Over 120 employees have been recruited and trained in manufacturing, fabricating and installing this proprietary product, with many more anticipated to come.

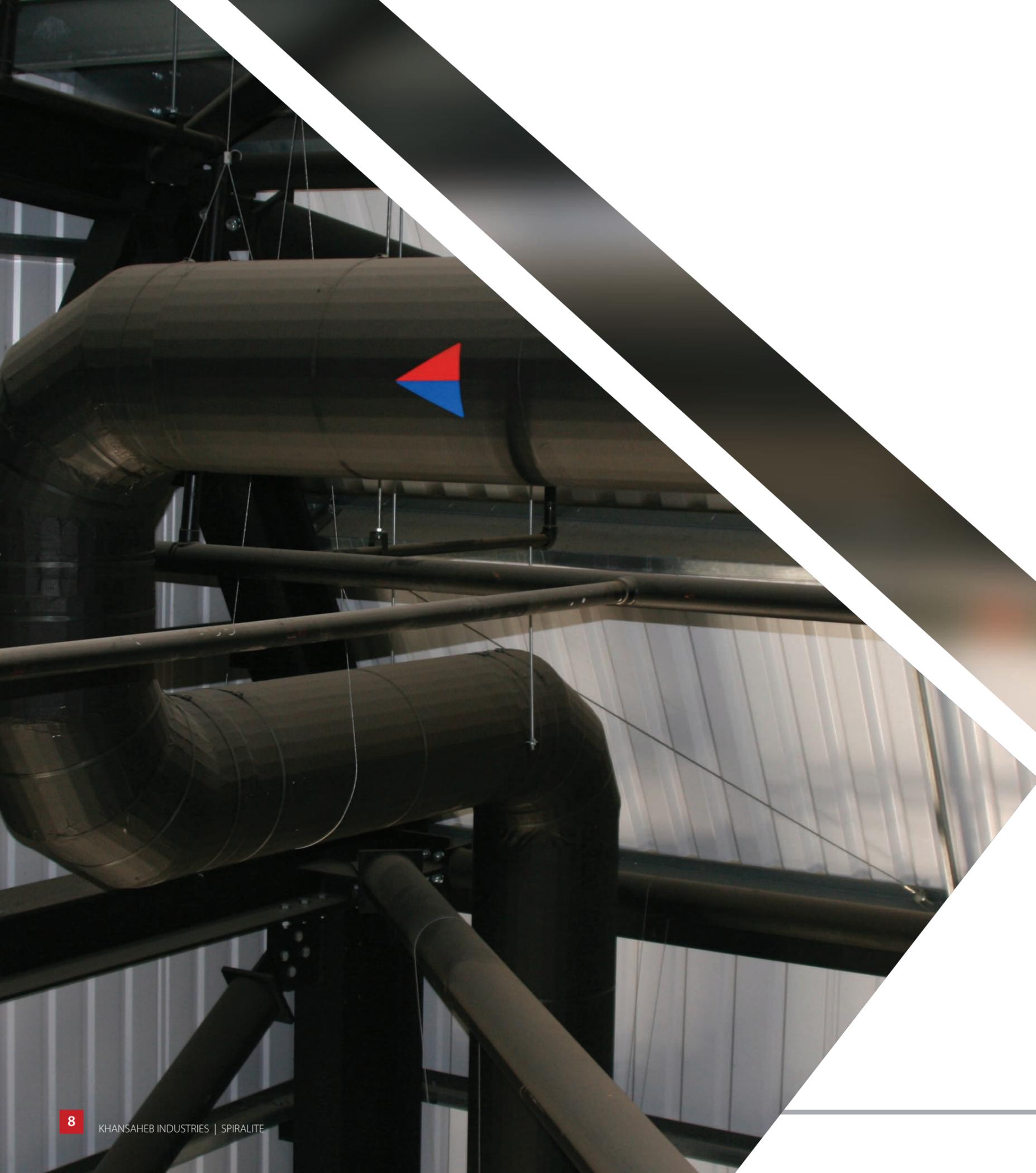
"The general consensus from the engineers is that it is a fantastic product with huge potential and you get a superior product, both in terms of performance and aesthetics."

SPIRALITE

Spiralite® is an innovative and unique circular and flat oval non-metallic insulated air duct that has numerous advantages over traditional GI (metal) and PI ducts. Its lightweight, robustness, optimal airflow, and thermal performance offer numerous benefits in weight, space, time, cost and energy consumption. These benefits provide unrivalled whole-of-life cost advantages.

"Spiralite is the only ductwork we know that meets the very demanding Passivhaus requirements."





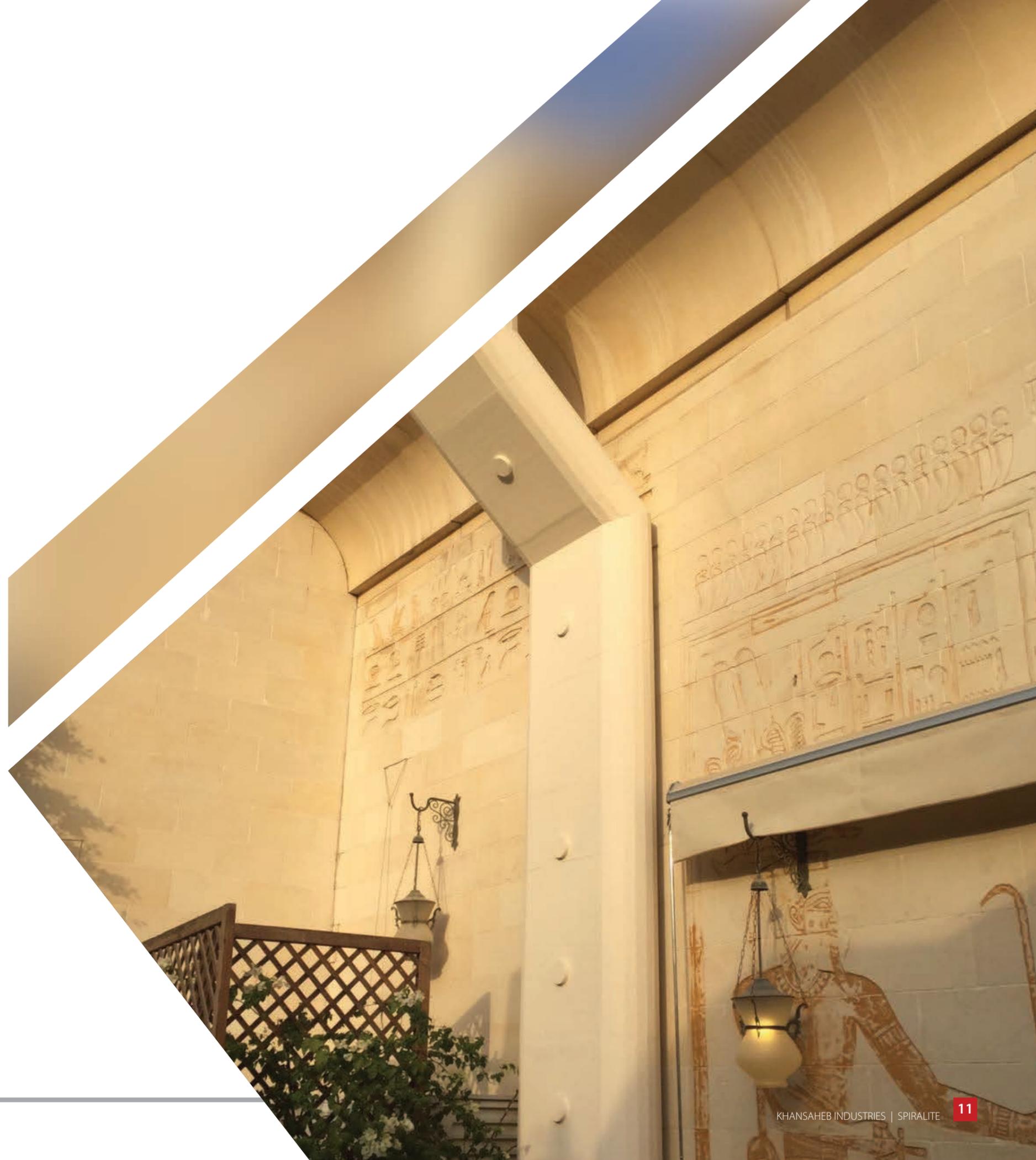
SPIRALITE® CIRCULAR AND FLAT OVAL NON-METAL INSULATED DUCTWORK:

- Suitable for all commercial, industrial and domestic HVAC applications.
- Uses standard fittings, supports and connections to inline plant.
- Over 80% lighter than GI (metal) ducting and insulation and very robust.
- Saves space, time and costs.
- Additional weatherproof laminate for external applications.
- Additional coloured laminate for internal aesthetics.

"I visited the premises a month or two ago and was very impressed with the business, the facility and their strategic vision, not to mention the obvious benefits of the product."

UNRIVALLED SUSTAINABILITY, ENERGY & ENVIRONMENTAL BENEFITS

- Up to 48% energy savings in the operation of the HVAC plant.
- CFC/HCFC and HFC free.
- Zero Ozone Depletion Potential (ODP).
- Low Global Warming Potential (GWP).
- Full BREEAM/LEED/ESTIDAMA (Pearl)/Green Star/
Dubai Green Building /Al Sa'fat accreditation.
- Optimal use of recycled raw materials in
production process.
- Ductwork re-usable and recyclable.
- Close to zero wastage on site.
- Very low carbon footprint – a fraction of the 1,330kg's for
galvanized steel insulated.
- Class C leakage rating, rounded shapes and extremely low
internal frictional resistance from smooth internal laminate
lead to greater lead to greater airflow efficiency - as much as
48% lower energy usage when compared to galvanized steel
ductwork and insulation, reducing energy costs and carbon
footprint of any building.
- Internal connection system, so no thermal bridges, resulting
in minimal risk of condensation and thermal losses and
resistant to mould growth.
- Unique internal bacteriastatic laminate does not allow
bacteriastatic mould, fungal or microbe growth. Enhanced
anti microbial laminate is 99.9% effective in reducing the
microbial load.
- Class C ductwork at 2,500 Pa. Pressure resistant and minimal
leakage at up to 7,667 Pa.
- Ongoing HVAC operational cost savings – energy,
maintenance and repairs, cleaning





Tel: +971 4 880 66 05
 Fax: +971 4 888 66 15
 khansaheb_industries@khansaheb.ae
 www.khansahebindustries.ae
 www.spiraliteductwork.com

