

The RIGHT product knowledge

The RIGHT people

The RIGHT support

The RIGHT price

The RIGHT guarantee

The RIGHT certification

### Nationwide distribution network

The Kompozit'allUK organisation comprises a number of companies located right across the UK and Ireland with qualifications and many years of experience, most of them are family firms now managed by the second generation.

They have made the investment in personnel, equipment and consistent training to secure their reputation and client satisfaction.

Kompozit'allUK insists that all registered engineers have not only had the factory product awareness training, but an assessment of their understanding of the requirements of all ducting systems and the specification and sizing of linings for efficient operation.



All installers of VentilFlex25 are chosen based on their ability to offer a complete and dependable service to the end users. They are experts in their field and extensive and comprehensive factory training ensures that installations are completed within budget and in agreed time frames. All installers also have access to our technical department for advice on solutions to the most demanding projects. VentilFlex25 installers undertake new certification every year to ensure they remain up to date with all the latest innovations from Kompozit'allUK.

VENTILFLEX25



from Kompozit'allUK

# VentilFlex25

## Hi tech relining solution

Ideal for all ducting restoration



### Unique 25 year guarantee\*

Due to their high standards Kompozit'allUK Ltd is confident to provide a full 25 year lifetime guarantee on all their products when installed by a currently registered engineer. What this means is that should any fault be confirmed due to manufacturing fault, at any time over the 25 years then the liner will be replaced entirely free of charge.



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Kompozit'allUK is constantly searching for ways to improve its products and reserves the right to change the specification of any product at any time without prior notice.

\* when fitted by a currently registered Kompozit'allUK engineer

VENTILFLEX25



from Komposit'allUK

VentilFlex25 is based on a glass fibre reinforced thermosetting resin, which is as strong as steel, when set, but has much better corrosion resistance than other materials. It is extremely thin (circa 3mm), has no joints and is installed by Komposit'allUK's trained and certified engineers, providing the guaranteed solution for all lining applications.

Due to its unique chemical formulation VentilFlex25 is suitable for lining and construction of air engineering ducts and VentilFlex25 RKV for



heat resistant kitchen extraction applications. It is installed as one continuous lining, totally waterproof and airtight liner, making it ideal for kitchen extractors, providing a smooth easily cleaned duct and access is only required at the ends. Kitchen extractor ducts up to 1000mm diameter and over 50m in length have been installed swiftly to ensure the kitchens stay open.

All duct shapes can be obtained, rectangular, triangular, circular and many more.

All VentilFlex25 liners have the following characteristics:

- Non combustible and does not conduct fire
- Does not become corroded
- Gas tight
- High strength
- Light weight
- Can vary in diameter
- Can line ventilation ducts up to 80m without joins
- Can be painted without primer
- Do not emit any material hazardous to health

#### Cleaning

All VentilFlex25 liners can be cleaned with any leading product with a Alk PH of 10 or below (for example Paragon F41 Blitz).

VENTILFLEX25 RKV



from Komposit'allUK

Building on the success of our domestic installations over recent years in the UK and over more than 20 years in Europe in 29 countries, VentilFlex25 is continuing to expand into the commercial sector, with recent installations including municipal buildings, hospitals, schools and colleges, hotels, public houses and restaurants, with many more in the pipeline.

It is flexible at installation but light and strong once cured. It will follow the line of the duct with diameters from 80mm to over 1 metre and up to 100 metres in length. Once installed it is airtight and water-resistant.

Specification	VentilFlex25	VentilFlex25RKV
Fire classification	B s1 d0	A2 s1 d0
30 minute heat resistance	500°C	1000°C
Diameter	60 – 1200 mm	100 – 1200 mm
Length	3 – 80 m	3 – 80 m
Maximum declination angle	30°	30°
Wall thickness	2.5 mm	4.5 mm
Density	1.7 g/cm <sup>3</sup>	1.9 g/cm <sup>3</sup>
Tensile strength	150 N/mm <sup>2</sup>	145 N/mm <sup>2</sup>
Corrosion resistance	3 – 12 pH	3 – 10 pH
Cold resistance	-50°C	-50°C
Thermal conductivity	0.27 W/m.K	
Thermal expansion	24.10-6 m/m.K	
Health and environment	Certified for ventilation	

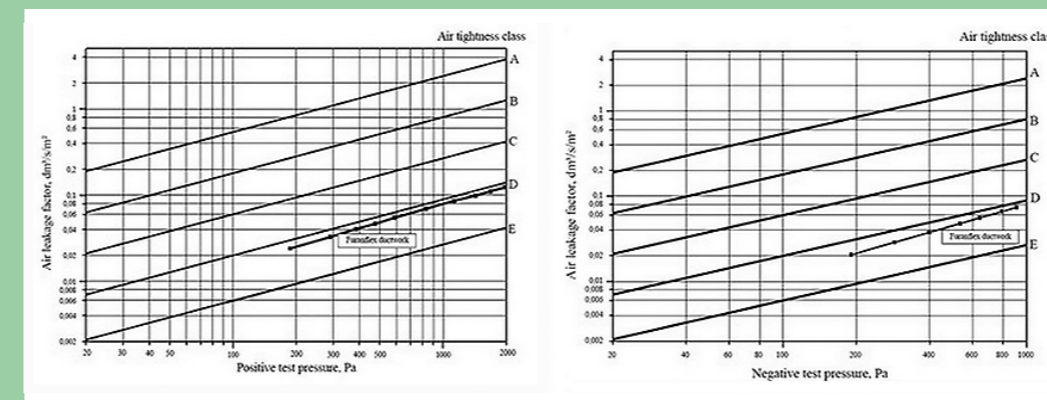


#### Specification: VentilFlex25

DIN EN 12237, TG 1217  
 Pressure class: D  
 Fire class: B-s1, d0  
 Fire resistance class: Class EI 15

#### Specification: VentilFlex25RKV

DIN EN 12237, TG 1216  
 Pressure class: D  
 Fire class: A2-s1, d0  
 Fire resistance class: Class EI 60



The most flexible lining system available, from 80mm to over 1000mm diameter

Will mould to the shape of the duct and can increase and decrease in dimensions through the duct run

Maximises lining diameter for efficient operation

One of the highest fire resistance liners (tested and proven)

High insulation for better fire containment

Best corrosion resistance – protecting occupant's health

Quick & clean to install – minimises disruption

Long working life – best value for money

Guaranteed for 25 years – for your peace of mind