

Insulation



# KoolDuct®

Pre-Insulated Ductwork



- Available up to R2.0
- Reduces air leakage by up to 80%\*
- Lightweight yet durable
- Save on installation time
- NCC and AS/NZS 4859.1:2018 compliant

\* Figure based on research conducted in the US by independent consultants MDA Engineering Inc. 2010

Fibre-free  
Core

  
Kingspan®

# Product Details

## Product Overview

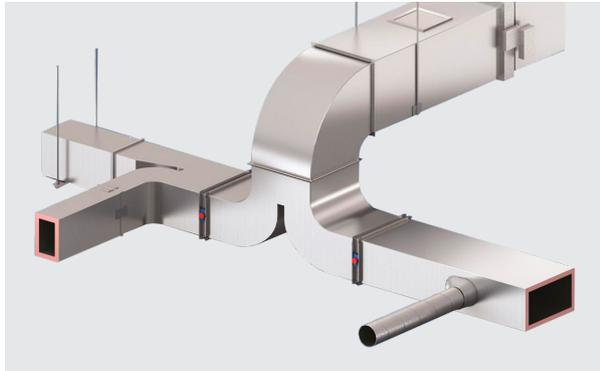


Figure 1. The Kingspan KoolDuct® System.

The Kingspan KoolDuct® System of pre-insulated ductwork is an air-distribution ductwork system. It can reduce air leakage by up to 80%\*, translating into energy savings, reduced heating and cooling loads, smaller plant sizes, and capital cost savings. The Kingspan KoolDuct® System is also lightweight – up to 75% less than sheet metal ductwork – requiring far less support hangers and install labour.

## Product Data

Kingspan KoolDuct®				
Board Dimensions	1200 mm x 3930 mm			
Board Thickness	20 mm	22 mm	30 mm	46 mm
Product R-value*	R0.83	R0.92	R1.35	R2.0

\* All R-values are based on testing at 23°C and declared according to AS/NZS 4859.1:2018.

## Fire Performance

Test	Test Method	Result
Burning Test – Air Duct	UL 181.11:2013	Pass
Early Fire Hazard Properties (Ignitability, Flame spread, Heat release, Smoke release)	AS 1530.3:1999	Ignitability Index: 0 Flame Spread Index: 0 Heat Developed Index: 0 Smoke Developed Index: 0-1

## R2.0 Product Comparison



Figure 3. Kingspan KoolDuct® Pre-Insulated Ductwork achieves R2.0 in just 46mm thickness.

## Australia

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