



KoolDuct®

HIGH PERFORMANCE, ULTRA-THIN PRE-INSULATED DUCTWORK

- Available up to R2.0
- Ultra-thin
- Reduces air leakage by up to 80%*
- Lightweight yet durable
- Save on installation time
- Compliant with NCC (BCA) 2019 and fire standards



R2.0 Product Comparison

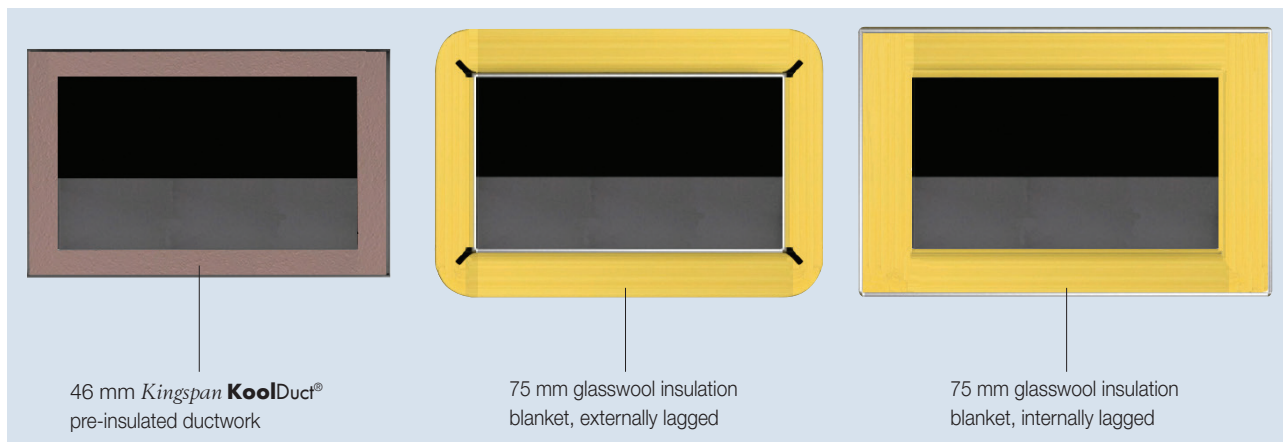


Figure 1 Kingspan **KoolDuct®** Achieves R2.0 in Just 46 mm Thickness.

Product Overview

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

Product Data

Board Dimensions	1200 mm x 3930 mm		
Board Thickness	22 mm	30 mm	46 mm
Product R-value [^]	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

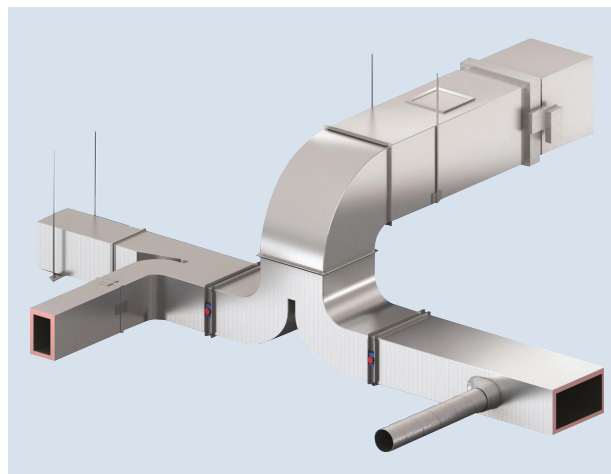


Figure 2 The Kingspan **KoolDuct®** System.

Fire Performance

Standard	Description	Result
UL 181	Burning	Pass
AS 1530.3	Early Fire Hazard Rating	Ignitability Index: 0 Flame Spread Index: 0 Heat Developed Index: 0 Smoke Developed Index: 0-1

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



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