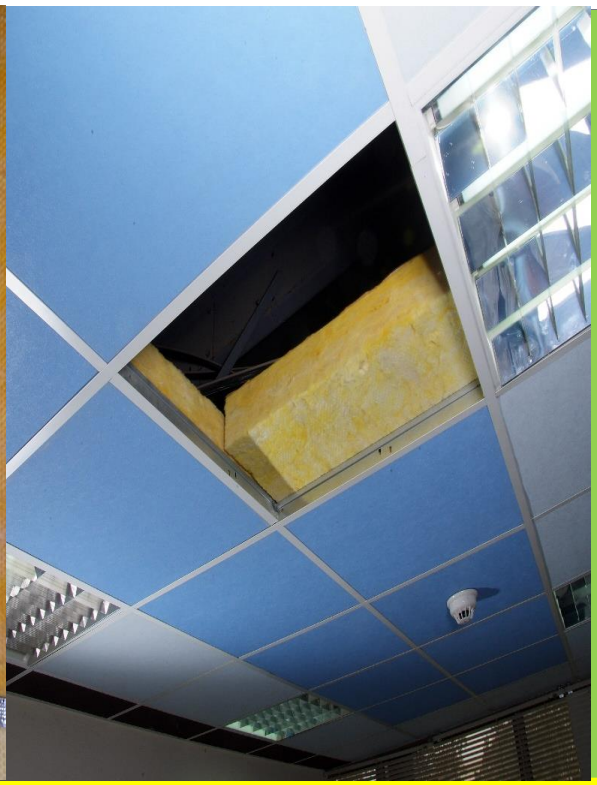




KIMMCO-ISOVER GLASS MINERAL WOOL DUCT BLANKET (KDI - Ultra)

Ref. No: K-GENERAL-KDI-TDS-001-48

High performance Roll insulation



Excellent thermal insulation

Thermal conductivity (λ) of **0.031** (W/m.K) at 25 ºC provides excellent thermal performance reducing heat loss for residential and commercial buildings.

Excellent acoustic insulation

KIMMCO Glass wool Roll Insulation provides optimal acoustic performance for better comfort

Effective fire protection

Base fibers are non combustible when tested in accordance with BS 476 (part 4), ASTM E136.

Description	Glass Mineral wool Batt /Blanket Insulation composed of glass processed from the molten state into fibrous form and bonded with a thermosetting binder.			
Mean Thermal Conductivity	λ	(W /m·K)	0.031 at mean temperature 25°C	ASTM C518/ ASTM C177
Mean Thermal Resistance	R	(m².K/W)	0.387 - 1.613 at 25°C	
Bulk Density	ρ	(Kg/m^3)	48 (Tolerances: ± 15%)	ASTM C167
Length	L	(m)	8-25 (Tolerances: -0.5%; excess permitted)	
Width	W	(m)	1.2 (Tolerances: -6mm; +12mm)	
Thickness	T	(mm)	12 - 50 (Tolerances: -3mm; excess permitted)	
Facing			FSK	
Reaction to Fire Class Unfaced			Euro-class A1 Non-combustible	EN 13501-1 ASTM E136
Surface Burning Characteristics -Flame Spread - Smoke Developed	-	-	≤ 25 ≤ 50	ASTM E84
Water VapourSorption		(%)	< 1 by volume	ASTM C1104
Odor Emission	-	-	No detectable odor of objectionable nature was observed	ASTM C1304
Flexibility	-	-	Flexible	ASTM C1101

Characteristic	Symbol	unit	Quantities and measured values	Standard
Maximum Service Temperature Min. Max. (Fiber) Max. (Facing)	-	°c	-50 +232 +100	ASTM C411
Linear Shrinkage	-	-	Less than 1 %	-
Fungi Resistance	-	-	Do not promote fungi growth	ASTM C1338
Stress Corrosion to Austenitic Stainless Steel.	-	-	No Cracking observed	ASTM C871
Corrosiveness to Steel	-	-	No Corrosion	ASTM C665
Color	-	-	Yellow	-
Ozone Depletion Potential (ODP)	-	-	'0'	-
Global Warming Potential (GWP)	-	-	<5	-
StandardCompliance	**ASTM C553, ASTM C665**			

Disclaimer: All information and data mentioned in this technical data sheet are based on tests performed in the laboratory. No thing here into be construed as a warranty or representation and were commend, However, that all potential users of the product make their own actual tests prior to using it on industrial scale.

-Product Manufactured and supplied by Kuwait Insulating Material Manufacturing Company (KIMMCO)
www.kimmco-isover.com