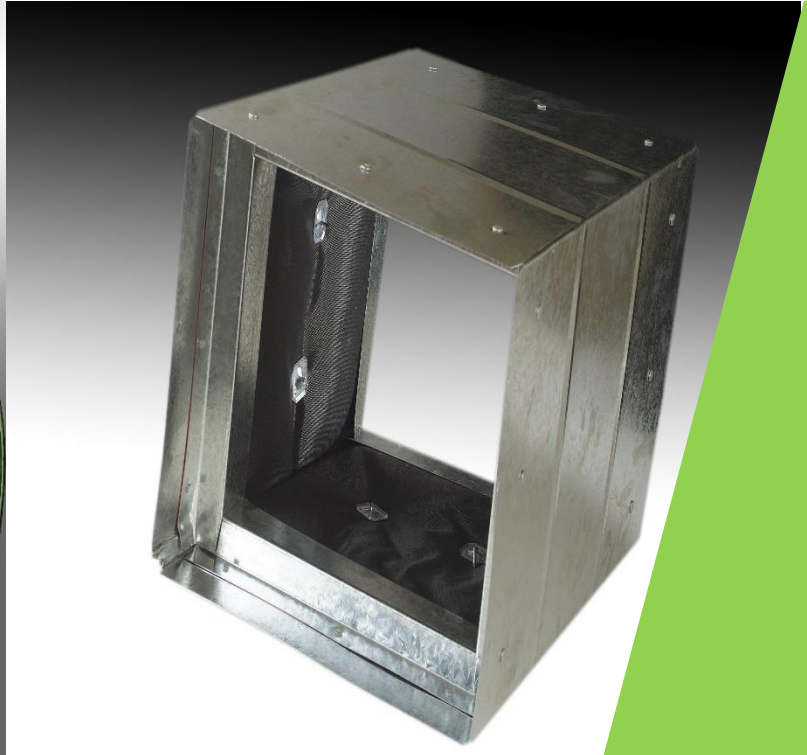




KIMMCO-ISOVER Glass Mineral Wool Acoustic Clean Liner Board (KCL)

High performance Acoustic Clean Liner Board insulation

Excellent thermal insulation

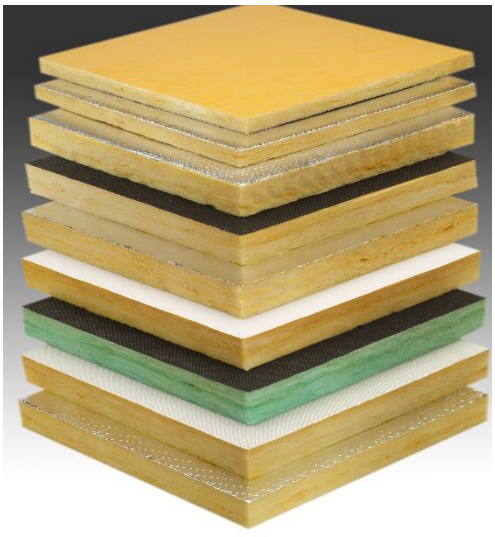
Thermal conductivity (λ) of 0.031 (W/m.K) at 25 ^{o}C provides excellent thermal performance, reducing heat loss for residential and commercial buildings.

Effective fire protection

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

Excellent acoustic insulation

KIMMCO Glass wool Acoustic Clean Liner Board Insulation provides optimal acoustic performance for better comfort.



KIMMCO ISOVER SAINT-GOBAIN

KIMMCO-ISOVER Glass Mineral Wool Acoustic Clean Liner Board (KCL)

Characteristic	Symbol	Unit	Quantities and measured values	Standard
Description	Glass wool Board Insulation composed of glass processed from the molten state into fibrous form and bonded with a thermosetting binder.			
Thermal Conductivity	T	(°C)	25	ASTM C518
	λ	(W /m·K)	0.031	
Thermal Resistance	R	(m^2.K/W)	0.483 (R-2.747)	
Density	ρ	(kg/m^3)	48 (Tolerance: ± 15%)	ASTM C303
Length	L	(m)	1.0 (tolerance ±12mm)	
Width	W	(m)	1.2 (Tolerance: ±6mm)	
Thickness	d	(mm)	15 (tolerance: -3mm; +6mm)	
Facing	- Faced with Black Glass Fabric (BGF)			
Reaction to Fire Class (Unfaced)	-	-	Euro-class A1 Non-combustible	EN 13501-1 ASTM E136
Surface Burning Characteristics -Flame Spread Index -Smoke Developed Index	-	-	≤ 25 ≤ 50	ASTM E84
Water Vapour Sorption	-	(%)	< 1 (by volume)	ASTM C1104
Odor Emission	-	-	No detectable odor of objectionable nature was observed	ASTM C1304
Rigidity	-	-	Semi Rigid	ASTM C1101

KIMMCO-ISOVER Glass Mineral Wool Acoustic Clean Liner Board (KCL)

Characteristic	Symbol	Unit	Quantities and measured values	Standard
Maximum Service Temperature Min. Max. (Fiber) Max. (Facing)	°c	-	 -50 +232 +100	ASTM C411
Temperature Resistance at 121 °C	-	-	No evidence of flaming, glowing, smoldering, visible smoke or delamination, cracking, deformation or reduction in thickness	
Linear Shrinkage	-	(%)	Less than 1	ASTM C356
Fungi Resistance	-	-	Do not promote fungi growth	ASTM C1338
Erosion Resistance	-	-	Doesn't break away, crack, peel, flake off, or show evidence of delamination or continued erosion at air velocity up to 4000 ft/minute (testing velocity 10,000ft/minute	UL 181
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	-
Standard Compliance	**ASTM C1071**			
Noise Reduction Coefficient (NRC Value)	**0.50**			ASTM C423

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

KIMMCO ISOVER SAINT-GOBAIN