

KIMMCO-ISOVER Glass Mineral Wool Batt / Blanket (KBR)

High performance Building Roll insulation

Excellent thermal insulation

Thermal conductivity (λ) of 0.044 (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 Roll Insulation provides optimal acoustic performance for better comfort.

KIMMCO ISOVER SAINT-GOBAIN

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Characteristic	Symbol	Unit	Quantities and measured values	Standard
Description	Glass Mineral wool Batt /Blanket 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 ASTM C177
	λ	(W /m·K)	0.044	
Thermal Resistance	R	(m^2.K/W)	1.136 (R-6.45)	
Density	ρ	(Kg/m^3)	10 (Tolerances: ± 15%)	ASTM C167
Length	L	(m)	20 (Tolerances: -0.5%; excess permitted)	
Width	W	(m)	1.2 (Tolerances: -6mm; +12mm)	
Thickness	d	(mm)	50 (Tolerances: -3mm; excess permitted)	
Facing	-vinyl (5cm facing over lap on side)			
Reaction to Fire Class Unfaced	-	-	Euro-class A1 Non-combustible	EN 13 501-1 ASTM E136
Surface Burning Characteristics -Flame Spread -Smoke Development	- -	- -	≤ 25 ≤ 50	ASTM E84
Water Vapour Sorption	-	(%)	< 1 by volume	ASTM C1104
Odor Emission		-	No detectable odor of objectionable nature was observed	ASTM C1304
Flexibility		-	Flexible	ASTM C1101

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Characteristic	Symbol	Unit	Quantities and measured values	Standard
Maximum Service Temperature Min. Max. (Fiber) Max. (Facing)		°c	 -50 +232 +80	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	
Standard Compliance	**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