



## KIMMCO-ISOVER EcoBuild Glass Mineral wool Slab (EBS)

### High performance EcoBuild Building Slab insulation



#### Excellent thermal insulation

Thermal conductivity ( $\lambda$ ) of 0.031-0.035 (W/m.K) at 25 °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.



#### Natural Product

Made 100% out of natural resources, its performance protects the environment during the lifetime of a building.



# KIMMCO-ISOVER EcoBuild Glass Mineral wool Slab /Board (EBS)

Characteristic	Symbol	Unit	Quantities and measured values	Standard
Description	Glass Mineral wool board insulation composed of glass processed from the molten state into fibrous form and bonded with a sugar based binder			
Binder type	Sugar based binder			
Thermal Conductivity	T	(°C)	25	ASTM C518
	$\lambda$	( W /m·K )	0.031 - 0.035 (depending upon density)	
Density	$\rho$	(kg/m³)	24 - 96 (Tolerance: ± 15%)	ASTM C302
Length	L	(m)	1.0 - 2.4 (Tolerance: ±12mm) depending upon thickness and density	
Width	W	(m)	04 - 1.2 (Tolerance: -6mm; + 12mm)	
Thickness	d	(mm)	15 - 150 (Tolerance: -3mm; +6mm) (depending upon density)	
Facing	- Unfaced -Faced with Aluminium Foil (FSK /FS), Aluglass, ASJ, Black Glass Fabric (BGF)			
Reaction to Fire Class (Unfaced)	-	-	Euro-class A1 Non-combustible	EN 13 501-1 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 – Rigid Based on density	ASTM C1101

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Characteristic	Symbol	Unit	Quantities and measured values	Standard
Maximum Service Temperature				
Min.	°C	-	0	ASTM C411
Max. (Fiber)			+232	
Max. (Facing)			+100	
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	-	-	Ivory	-
Ozone Depletion Potential (ODP)	-	-	'0'	-
Global Warming Potential (GWP)	-	-	'0'	-
Standard Compliance	ASTM C612 Type IA & IB			

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](http://www.kimmco-isover.com)