



KIMMCO-ISOVER CLIMAVER[®] neto

High performance Building Slab insulation



Excellent thermal insulation

Thermal conductivity (λ) of 0.033 (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.



Dimensional stability

KIMMCO-ISOVER CLIMAVER[®] neto Glass wool Insulation doesn't shrink and sustain its dimension during temperature changes.

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Characteristic	Symbol	Unit	Quantities and measured values	Standard
Description	KIMMCO-ISOVER 'CLIMAVER [®] neto' pre-insulated duct work system is made from high-density Glass wool board insulation.			
Thermal Conductivity	T	(°C)	25	ASTM C518
	λ	(W /m·K)	0.033 – 0.035	
Density	ρ	(kg/m ³)	72 ±7 (Tolerance: -0, 10%)	ASTM C302
Length	L	(m)	2.9 (Tolerance: ±10mm)	
Width	W	(m)	1.19 (Tolerance: -5mm; +5mm)	
Thickness	d	(mm)	25.5 mm (Tolerance: -1mm; +1mm)	
Facing	Printed Aluminum Foil /Fiber glass Scrim / Kraft (FSK) with White Fiberglass Veil (WGT) on outer face and Black Glass Fabric (BGF) neto on inner face			
Reaction to Fire Class	-	-	B-s1,d0	EN 13 501-1
Surface Burning Characteristics	-	-	≤ 25	ASTM E84
Flame Spread Index				
Smoke Developed Index				
Water Vapour Sorption	-	(%)	< 1 (by volume)	ASTM C1104
Odor Emission	-	-	No detectable odor of objectionable nature was observed	ASTM C1304
Rigidity	-	-	Rigid	ASTM C1101

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Characteristic	Symbol	Unit	Quantities and measured values	Standard
Maximum Service Temperature	-	°C	100	ASTM C411
Linear Shrinkage	-	%	Less than 1	ASTM C356
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
Compression Strength	-	kPa	> 5.0 at 10% deflection	ASTM C165
Color	-	-	Yellow	-
Ozone Depletion Potential (ODP)	-	-	'0'	-
Global Warming Potential (GWP)	-	-	<5	-
Noise Reduction Coefficient (NRC) value	-	-	≥ 0.80	ASTM C423
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