

KIMMCO-ISOVER ***CLIMAVER***® Plus R

High performance Building Slab insulation

Excellent thermal insulation

Thermal conductivity (λ) of 0.033 (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.

Dimensional stability

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

KIMMCO ISOVER SAINT-GOBAIN

KIMMCO-ISOVER **CLIMAVER**® Plus R

Characteristic	Symbol	Unit	Quantities and measured values	Standard
Description	KIMMCO-ISOVER CLIMAVER® Plus R pre-insulated duct work system is made form high-density Glass wool board insulation			
Thermal Conductivity	T	(°C)	25	ASTM C518
	λ	(W /m·K)	0.033	
Density	ρ	(kg/m^3)	72 ±7	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 Aluminum Foil / Kraft (FK) with White Fiberglass Veil (WGT) on inner face			
Reaction to Fire Class	-	-	B-s1,d0	EN 13501-1
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	-	-	Rigid	ASTM C1101

Characteristic	Symbol	Unit	Quantities and measured values	Standard
Maximum Service Temperature	°c	-	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
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	-	-	≥ 0.50	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