



COMFORT SA Slab 50

High performance slabs for building insulation



Excellent thermal insulation

Thermal conductivity (λ) of 0.036 (W/m.K) provides excellent thermal performance, reducing heat loss for residential and commercial buildings.



Excellent acoustic insulation

COMFORT SA Slabs provides optimal acoustic performance for better comfort.



Effective fire protection

COMFORT SA Slabs are non-combustible and classified **A1** Euro-class Reaction to Fire



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Characteristic	Symbol	Unit	Quantities and measured values	Standard
Description	KIMMCO ISOVER stone wool products are made from volcanic rock - a natural material present in large quantities throughout the earth. These raw materials are natural basalt and dolomite coming from Saudi Arabia, our product is compliance with ASTM C612 and EN 13162 standard.			
Thermal Conductivity	T	(°C)	24	EN 12 667 ASTM C518 ASTM C177
	λ	(W/m·K)	0.036	
Density	ρ	(Kg/m ³)	50	EN 1602
Thickness	d	(mm)	30 - 220	EN 823 ASTM C303
Maximum Service Temperature	°c		750	ASTM C411
Reaction to Fire Class	-	-	Non-combustible, Euro-class A1	EN 13 501-1 ASTM E136
Flame Spread	-	-	0	ASTM E84
Smoke Development	-	-	0	ASTM E84
Compressive Resistance at 10% deformation		KPa	15	ASTM C165
Specific Thermal Capacity	c	(kJ/kg·K)	~ 1	EN 10 456 ASTM C518
Shot Contents	-	(%)	≤ 10% from the weight	ASTM C612
Water Vapour Sorption	-	(%)	< 1% by weight	ASTM C1104
Water Vapour Diffusion Resistance Factor	μ	-	~ 1	EN 12 086
Facing	<ul style="list-style-type: none"> • Un-faced • FSK: Single or Double Faced with Foil Scrim Kraft of (112 g/m²) with reinforcement • Black Glass Tissue "BGT": Single or Double Faced with BGT of (60 g/m²) with reinforcement 			
Miscellaneous delivery forms	Our products are supplied in polyethylene packing. As mentioned in the MSDS product should be stored in a dry condition.			

The technical information corresponds to our present state of knowledge and experience at the date of printing (see imprint). But no legal guarantee can be given, unless it has been explicitly agreed. The state of experience and knowledge is developing continuously. Please see to it that you always use the latest edition of this information. The described product applications do not take special circumstances in consideration. For further information, please contact our team. We deliver only according to our terms of trade and terms of delivery.

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