



## COMFORT SA Rolls 40 - Alu

### High performance rolls for building insulation



#### Excellent thermal insulation

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



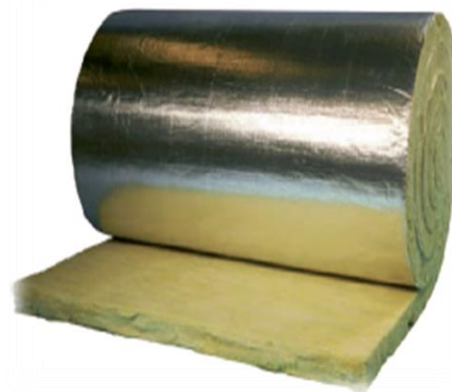
#### Effective fire protection

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



#### Dimensional stability

COMFORT SA Rolls 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 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 <b>ASTM C665</b> and <b>EN 13162</b> standards.			
Thermal Conductivity	T	(°C)	24	EN 12 667
	$\lambda$	(W/m·K)	<b>0.036</b>	ASTM C518
Density	$\rho$	(Kg/m <sup>3</sup> )	40	EN 1602
Thickness	d	(mm)	60 - 100	EN 823 ASTM C303
Reaction to Fire Class	-	-	Non-combustible, Euro-class <b>A1</b>	EN 13 501-1 ASTM E136
Flame Spread	-	-	5	ASTM E84
Smoke Development	-	-	5	ASTM E84
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	$\mu$	-	~ 1	EN 12 086
Facing	<ul style="list-style-type: none"> <li>Aluminium foil: Faced one side with aluminium foil of (112 g/m<sup>2</sup>) reinforced with grid</li> <li>Black Glass Fabric "BGF": Faced one side with BGF foil of (60 g/m<sup>2</sup>)</li> </ul>			
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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