



## RIO PLUS ALU GLASS WOOL ROLLS



### TECHNICAL SPECIFICATION

Compressed rolls made of ISOVER glass wool. The mats are manufactured by melting the mineral raw materials in a furnace, fiberizing the melt through TEL process, spraying a binder and adding mineral oils for protection against dust and water repellence. The mineral fibres mat is compressed and packaged in rolls on the production line.

### APPLICATION

ISOVER Rio Plus Alu mats can be used for thermal insulation of residential buildings where insulation is not subject to mechanical loads:

- Attic floors.



### BENEFITS

- good thermal insulation performance
- fire safety - non-combustible material
- easy to handle, non-toxic
- easy installation in wooden or steel structures
- the product is elastic and compressible
- environment friendly and hygienic
- completely hydrophobic - is made water repellent
- long life span and time-stable properties
- resistant to mould, mildew, rodents and insects
- chemically neutral, non-corrosive
- easy workability - can be cut, drilled etc.

### PACKAGING, TRANSPORT, WAREHOUSING

Isover Rio Plus Alu mats are packaged in PE foil bags. The rolls must be shipped and stored avoiding the contact with water, or any other damages.

### RELATED DOCUMENTS

- EC compliance certificate:  
CE 1840 -CPR- 99/91/EC/0677-18
- ISO 9001
- ISO 14001
- ISO 45001
- EUCB Certificate



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### TECHNICAL PARAMETERS

PARAMETER	U.M.	VALUE
<b>THERMAL INSULATION PROPERTIES</b>		
Declared thermal conductivity - $\lambda_D$	W/(m*K)	0,040
<b>FIRE SAFETY PROPERTIES</b>		
Reaction to fire	-	A2-s1, d0

### SIZE AND PACKAGING

Product	Thickness (mm)	Lenght x width (mm)	Area (m2/roll)	Declared thermal resistance RD (m2.K/W)
RIO PLUS ALU	50	12000 x 1200	14.40	1.25
RIO PLUS ALU	100	7500 x 1200	9.00	2.50

The product will be delivered as MPS - multi pack system, 24 rolls /pallet.

The Aluminum facing must be oriented towards the indoor air. In this way, the foil will act as a vapour barrier. The continuity of the vapour barrier must be insured by sticking adhesive tape on the edges of all adjacent pieces of mat.

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Prior to installation, please ensure that you have thoroughly read and understood the specifications of your project, that you have tested the product for your specific purpose, and that the selected product will enable the required outcome. The information presented in this document does not constitute a guarantee as to certain properties of the product or compatibility for a specific use, hence Saint-Gobain Group cannot be held responsible for the quality of the installation works.

SAINT-GOBAIN ROMANIA • ISOVER  
 Calea Floreasca nr. 165  
 One United Tower • etaj 10  
 Sector 1 • cod 014459 • București • România  
 Tel.: +40 21 207 57 50/51  
[info.constructionproducts@saint-gobain.com](mailto:info.constructionproducts@saint-gobain.com)  
[www.isover.ro](http://www.isover.ro)

