

# RIO PLUS

## 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 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
- low vapour flow resistance
- 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 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



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### TECHNICAL PARAMETERS

PARAMETER	U.M.	VALUE
THERMAL INSULATION PROPERTIES		
Declared thermal conductivity - $\lambda_D$	W/(m*K)	0.040
FIRE SAFETY PROPERTIES		
Reaction to fire	-	A1
OTHER PROPERTIES		
Water vapour diffusion resistance factor, $\mu$ MU	-	1
Maximum temperature for use	°C	200

### SIZE AND PACKAGING

Product	Thickness (mm)	Length x width (mm)	Area (m <sup>2</sup> /roll)	Declared thermal resistance $R_D$ (m <sup>2</sup> ·K/W)
RIO PLUS	2 x 50	6000 x 1200 *	14.40	1.25
RIO PLUS	2 x 50	7000 x 1200 *	16.80	1.25
RIO PLUS	100	7500x1200	9.00	2.50
RIO PLUS	120	6500x1200	7.80	3.00
RIO PLUS	140	5500x1200	6.60	3.50
RIO PLUS	150	5000x1200	6.00	3.75
RIO PLUS	160	5000x1200	6.00	4.00
RIO PLUS	180	4500x1200	5.40	4.50
RIO PLUS	200	4000x1200	4.80	5.00

\* rols with 2 mats

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This document contains only general recommendations and does not address special circumstances.

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.

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