

# RIO

## GLASS WOOL ROLLS



Specification code CE: MW-EN 13162-T1-MU1



### TECHNICAL SPECIFICATION

Compressed rolls made of Isover glass wool. The mats are manufactured by melting the mineral raw materials in a furnace, fiberising 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.

### 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

### APPLICATION

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

- attic floors

### PACKAGING, TRANSPORT, WAREHOUSING

Isover Rio 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, OHSAS 18001

## TECHNICAL PARAMETERS

PARAMETER	UM	VALUE
<b>THERMAL INSULATION PROPERTIES</b>		
Declared thermal conductivity $\lambda_D$	W/(m K)	0,042
<b>FIRE SAFETY PROPERTIES</b>		
Reaction to fire	-	A1
<b>OTHER PROPERTIES</b>		
Maximum temperature for use	°C	200
Water vapour diffusion resistance factor $\mu$ MU	-	1

## SIZE AND PACKAGING

Product	Thickness (mm)	Length x width (mm)	Area (m <sup>2</sup> /rola)	Declared thermal resistance $R_D$ (m <sup>2</sup> ·K/W)
Rio	50	13000 x 1200	15,60	1,15
Rio	60	11000 x 1200	13,20	1,40
Rio	80	9000 x 1200	10,80	1,90
Rio	100	7500 x 1200	9,00	2,35
Rio	120	6500 x 1200	7,80	2,85
Rio	140	5500 x 1200	6,60	3,30
Rio	160	5000 x 1200	6,00	3,80
Rio	180	4500 x 1200	5,40	4,25
Rio	200	4000 x 1200	4,80	4,75
Rio Twin	2X40	2X9000 x 1200	21,60	0,95
Rio Twin	2 x 50	2 x 7500 x 1200	18,00	1,15
Rio Twin*	2 x 50	2 x 7000 x 1200	16,80	1,15
Rio Twin	2 x 60	2 x 6000 x 1200	14,40	1,40



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

\* The product will be delivered as MPS - multi pack system, 30 rolls /pallet

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