

## SUPER PROFI GLASS WOOL ROLLS ISOVER



### 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 SUPER PROFI mats can be used for thermal and sound insulation of residential buildings where insulation is not subject to mechanical loads:

- pitched roofs and attics
- walls of wooden houses
- the inner surface of vertical walls
- ventilated facade



### CERTIFICATES, STANDARDS, APPROVALS

- EC compliance certificate: CE 1840 -CPR- 99/91/EC/0677-18
- ISO 9001
- ISO 14001
- ISO 45001
- Certificat EUCEB
- Environmental Product Declaration (EPD®)

### BENEFITS

- very good thermal insulation performance (low thermal conductivity)
- fire safety - non-combustible material
- excellent acoustic properties (high absorption coefficient)
- easy to handle, non-toxic
- easy installation in roof and wooden structures - the product is elastic and compressible
- easy installation in roof and wooden structures - a piece of product that is 2 cm wider than the distance between rafters stays without any support between them
- at installation can be pierced by the hangers of the dry lining system - this eliminates the spaces without insulation material around them, which represents thermal bridges
- low vapour flow resistance
- unlimited resistance in vertical position
- 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.

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### TECHNICAL PARAMETERS

PARAMETER	U.M.	VALUE
<b>THERMAL INSULATION PROPERTIES</b>		
Declared thermal conductivity - $\lambda_D$	W/(m*K)	0,032
<b>FIRE SAFETY PROPERTIES</b>		
Reaction to fire	-	A1
<b>OTHER PROPERTIES</b>		
Air flow resistivity AFr	kPa * s/m <sup>2</sup>	>24
Water vapour diffusion resistance factor, $\mu$	-	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 <sub>D</sub> (m <sup>2</sup> ·K/W)
SUPER PROFI	50	7500 x 1200	9.00	1.55
SUPER PROFI	100	4500 x 1200	5.40	3.10
SUPER PROFI	120	4000 x 1200	4.80	3.75
SUPER PROFI	140	3500 x 1200	4.20	4.35
SUPER PROFI	150	3000 x 1200	3.60	4.65
SUPER PROFI	160	3000 x 1200	3.60	5.00
SUPER PROFI	180	2500 x 1200	3.00	5.60

The product will be delivered as MPS - multi pack system, 18 rolls/pallet

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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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