

## Application

ISOVER Tech Roll 1.0 can be used for thermal insulation of vessels and units etc. with maximum service temperature 250° C.

## Product

TECH Roll is made of glass wool. Glass wool is noncombustible, water repellent and has no capillary effect.

Tech Roll 1.0 is available without facing, or faced on one side with a reinforced aluminum foil.



## Delivery and storage

The rolls are compressed about 60%, and takes up only about 1/3 of the space during transport and storage.

For Tech Roll 1.0, note the following information:

Roll diameter:	approx. 420 - 490 mm
Roll weight:	approx. 8-10 kg
Transport/storage:	4,5 - 6 rolls per m <sup>3</sup>

ISOVER Tech Roll 1.0 can be delivered on disposable pallets and as single rolls.

At deliverance pallets are covered with plastic sheeting to protect them against the weather.

After broaching the pallets must be protected against the weather. Single rolls must be protected against the weather during transport and storage.

## Mounting

Tech Roll 1.0 can be cut with a large-bladed knife. Cut with an oversize of 5-8 mm. Use the ISOVER Knife, which is sold as an accessory, and do the cutting on a flat surface such as a wooden board or similar.

Tech Roll 1.0 shall be mounted with tight joints and close around spacers to achieve an efficient insulation. At two layers or more, the joints shall be staggered.

Mounting must be done in accordance with the ISOVER Mounting Instruction: "*Fastholdelse af mineraluldsisolering*" which can be downloaded at: [www.isover.dk](http://www.isover.dk).

When the work on the construction site is interrupted Tech Roll 1.0 must be protected against the weather and other damage.

## Maintaining

When ISOVER Tech Roll 1.0 is mounted correctly and protected against mechanical impact, the durability of the insulation will be the same as for the installation, and no maintaining will be needed.

## Disposal and recycling

ISOVER Tech Roll 1.0 can be disposed as mineral waste at the public waste stations.

The wrapping shall be disposed due to national rules.

**Sustainability**

ISOVER TECH Roll 1.0 is approved to buildings with the Nordic Swan Ecolabel. Documentation can be acquired upon request from Ecolabelling Denmark or from the Eco-label building material database, if you hold a license to construct a Nordic Swan Ecolabelled building.

Saint-Gobain ISOVER does not deliver the documentation.

**Quality systems**

The quality management system of Saint-Gobain ISOVER is certified to ISO 9001. Saint-Gobain

ISOVER is a member of VIF, the Danish VarmelsoleringsForeningen (Thermal Insulation Association), and Saint-Gobain ISOVER’s products are subject to CE marking under the Construction Products Regulation (CPR).

Saint-Gobain ISOVER’s products are subject to additional third-party quality monitoring according to the Keymark certification scheme.



EUCEB is a European trademark which certifies that all ISOVER Glass wool is bio soluble. The mark means that third-party control tests of the bio solubility are conducted twice a year.

Saint-Gobain ISOVER is constantly evolving its product range and thus Saint-Gobain ISOVER reserves the right to make necessary changes to the product range and specifications, as well as we have reservations about any other use of the product, than its intended purpose.

Saint-Gobain ISOVER subscribes to the Building Supply Clause for supplying the construction industry in Denmark.

Information data		
Property	Value	Remarks
Chloride content	90 mg/kg	Can be used for stainless steel in accordance with ASTM 795
SiO <sub>3</sub> content	6000 mg/kg	
Na <sup>+</sup> content	4000 mg/kg	
Service temperature	Max. 250 °C Max. 120 °C	The wool The Aluminum Foil Facing
Tolerances	Width: +/- 10 mm Length: +/- 2 mm Thickness : T3 -3% or -3 mm 1) /+10% or +10 mm 2)	
Density	Approx. 20 kg/m <sup>3</sup>	

<sup>1</sup>)The value which causes the biggest numeric tolerance

<sup>2</sup>)The value which causes the smallest numeric tolerance