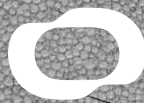


.insulation

THE INNOVATIVE THERMAL INSULATION.

siro.tank.TI.N



NEVEON

The Future of Foam

WE DEVELOP SOLUTIONS FOR TOP QUALITY AND INNOVATIVE INSULATION

Our **siro** portfolio includes a variety of insulation systems for hot water tanks, boilers and heat pumps, as well as jackets, accessories and vacuum insulation panels for water tanks.

INSULATION **siro.tank.TI.N**

Our innovative insulation **siro.tank.TI.N** is establishing itself as the new standard for the thermal insulation of hot water tanks. The legally protected combination of individual material layers reduces the heat losses compared to other types of insulation significantly. Energy costs will thus be radically lower.

The insulation is easy to assemble thanks to its clever design including holes for the connection pipes and their insulation. The assembling is simplified by its low weight and the use of a closing slat or a zip fastener.

siro.tank.TI.N is stable and fits perfectly to your individual tanks. The installation can be done quick and easily by one or two people. Thanks to the rigid material, our **siro.tank.TI.N** insulation is not sensitive to mechanical damage of the cover, which is typical for soft insulation.



DESCRIPTION

- 1** **siro.tank.TI.N** is based on polystyrene foam with a mixture of graphite nano particles. The main benefit of the graphite is the heat reflection, which improves the overall product specification. The insulation is shaped as flat boards for easy transportation and storing. Rounded shapes can be formed during installation thanks to slits that provide flexibility and enable easy bending.
- 2** The soft wool offers high adherence, which eliminates unwanted thermal losses caused by thermal convection (vertical flow).
- 3** Insulation edges are soft and flexible and make installation a very easy and comfortable experience.
- 4** The top layer in all types can be manufactured in any colour or custom printed. **siro.tank.TI.N/PS** and **siro.tank.TI.N/PS-P** professional & plus versions are supplied with a protective covering film or with a fine embossed pattern.
- 5** Top part insulation and its plastic cover are included. Insulation from the floor can be provided upon request.



UNIQUE BENEFITS

- **Amazing properties**
Higher energy efficiency with 30% less heat losses.
- **Individual solutions**
Every product is aligned to a specific tank.
- **We love our planet and set an example**
Low weight, no harmful substances.
- **Top quality**
Stable in visual appearance, endurance and insulation.
- **Solutions for tomorrow**
We constantly innovate to meet the standards of the future.

SUSTAINABLE ARGUMENTS

At NEVEON, sustainability, environmental friendliness and the highest quality go hand in hand.

During the production of our products we focus on quality and sustainability. Our production is managed by quality standards of ISO 9001 (Quality Management) and ISO 14001 (Environment Protection). In the utilization phase our products maintain their properties throughout the whole life cycle, especially concerning thermal conductivity.

- FCKW, HFCKW and HFKW free
- other halogen gases free
- HBCD free
- unwanted fire inhibitors free
- Silicon and Silicates free
- environment protection REACH compliant
- water stress harmless
- pH no influence
- health influence none
- recyclability 100 %

ENERGY CLASSES

While general insulation materials lead to a classification between class E and class C, **siro.tank.TI.N** can help you to achieve class B for all tank volumes up to 2000 litres. Even class A can be achieved with thanks up to 500 litres by using our **siro.tank.TI.N** insulation.

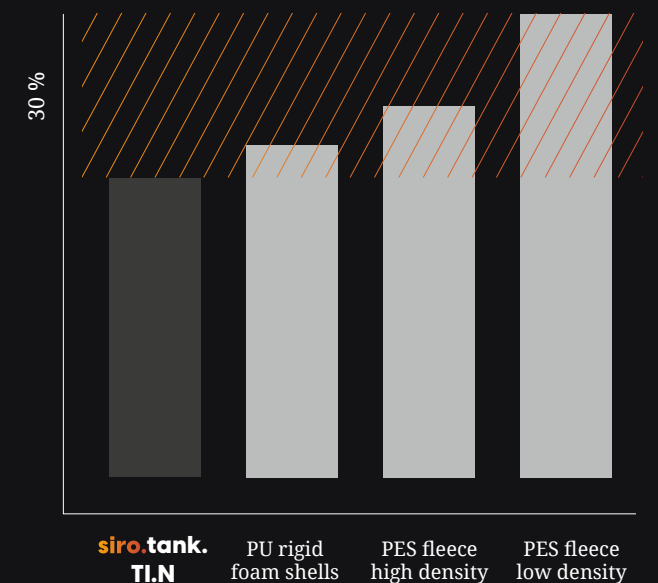


Energy classes comparison:
siro.tank.TI.N surpasses other products.

THERMAL INSULATION PROPERTIES

The thermal conductivity of expanded polystyrene with graphite nano particles is lower than 0,032 W/mK, while general insulation materials like polyester fibre fleece and polyurethane soft foam usually reach approximately 0,040 W/mK. This properties combined with the high fitting accuracy makes our **siro.tank.TI.N** insulation much more efficient compared to comparable products.

Insulation properties comparison: **siro.tank.TI.N** products have up to 30 % lower thermal losses in comparison with conventional insulating materials.



siro.tank.TI.N/PS

The professional version features the outer layer of hard PS. Different insulation parts are interconnected with a closing slat. Thanks to this innovative system, the material adherence and fixing are perfect, the installation easy and the thermal losses minimised.

- 1 EPS – Graphite core
- 2 PS surface
- 3 fleece
- 4 closing slat



SPECIFICATIONS

IMPORTANT FACTS

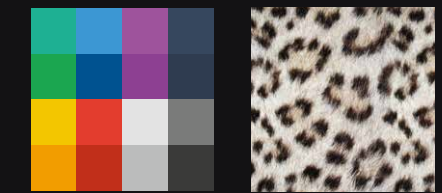
| | |
|--------------------------|-----------------------------|
| surface | solid PS |
| fastening | closing slat or classic zip |
| workers for installation | 2 |
| special aids or tools | no need |
| custom adjustments | yes |

SURFACE FINISHES



grainy PS

smooth PS



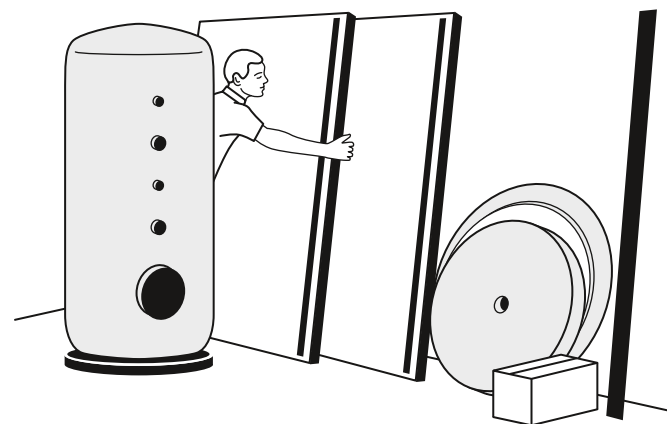
different colours

custom print

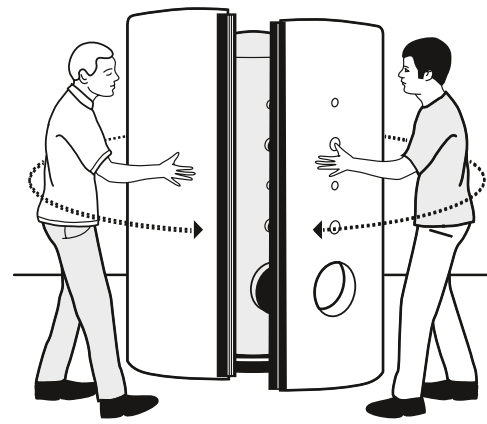
4 EASY STEPS

With this 4 easy steps, 2 workers can install the insulation in just a few minutes. Please note that a detailed manual is part of the delivery.

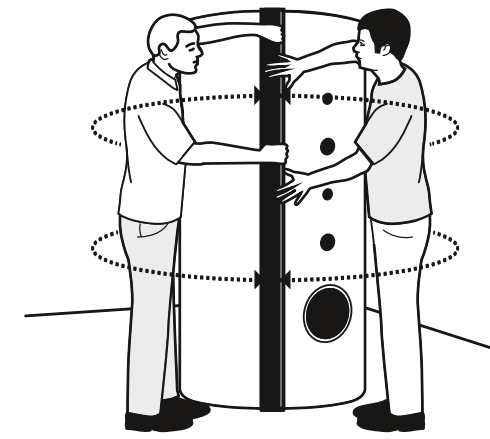
- 1 Prepare all parts, insulate the bottom



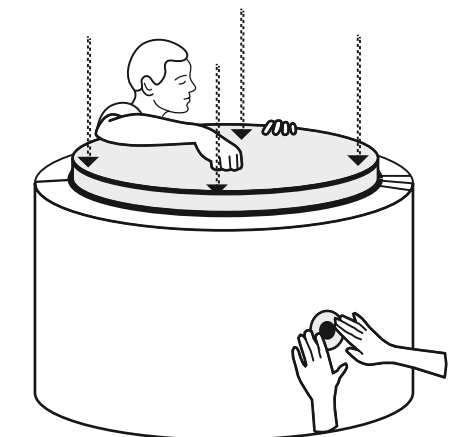
- 2 Install & secure the main blocks



- 3 Insulate the top & all the connections



- 4 Tight the main isolation connection, finish all the details



siro.tank.TI.N/PS-P

siro.tank.TI.N/PS-P differs from the version siro.tank.TI.N/PS by pressure-activated glue inside the slits. The ideal adhesion is achieved as quickly as in approximately half a minute. The product can be formed into the required shape during this time. Thanks to this, the installation is extremely simple and can be easily carried out by one person without any special tools or supporting fixtures. This way we save your time and money. The outer layer is fixed the same way as in the version siro.tank.TI.N/PS.

- 1 EPS – Graphite core
- 2 PS surface
- 3 fleece
- 4 flexible edges
- 5 closing slat
- 6 pressure activated glue

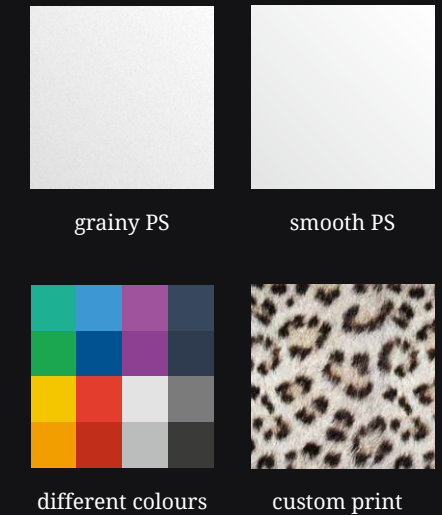


SPECIFICATIONS

IMPORTANT FACTS

| | |
|--------------------------|-----------------------------|
| surface | solid PS |
| fastening | closing slat or classic zip |
| workers for installation | 1 |
| special aids or tools | no need |
| additional montage | yes |
| custom adjustments | yes |

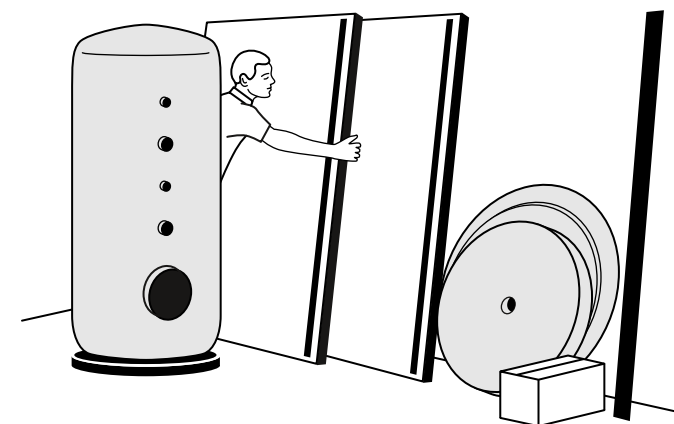
SURFACE FINISHES



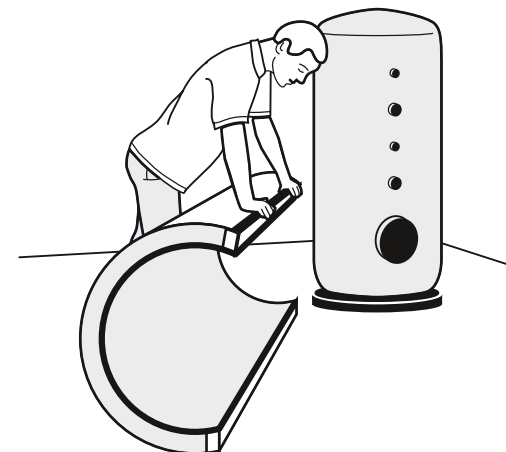
5 EASY STEPS

5 easy steps for 1 worker to install the insulation. Please note that a detailed manual is part of the delivery.

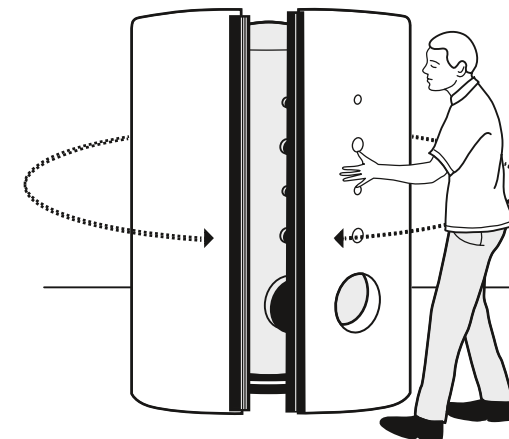
- 1 Prepare all parts, insulate the bottom



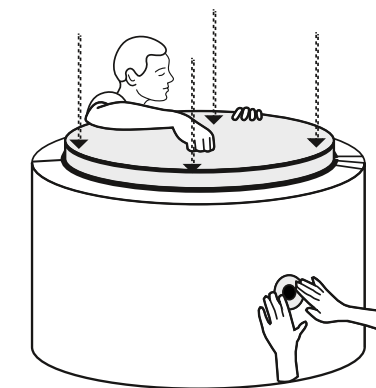
- 2 Bend & glue the 2 main blocks



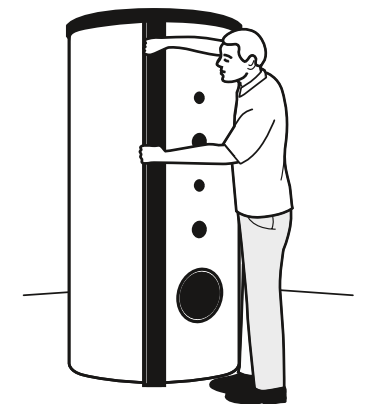
- 3 Install & secure the main blocks



- 4 Insulate the top and all the connections



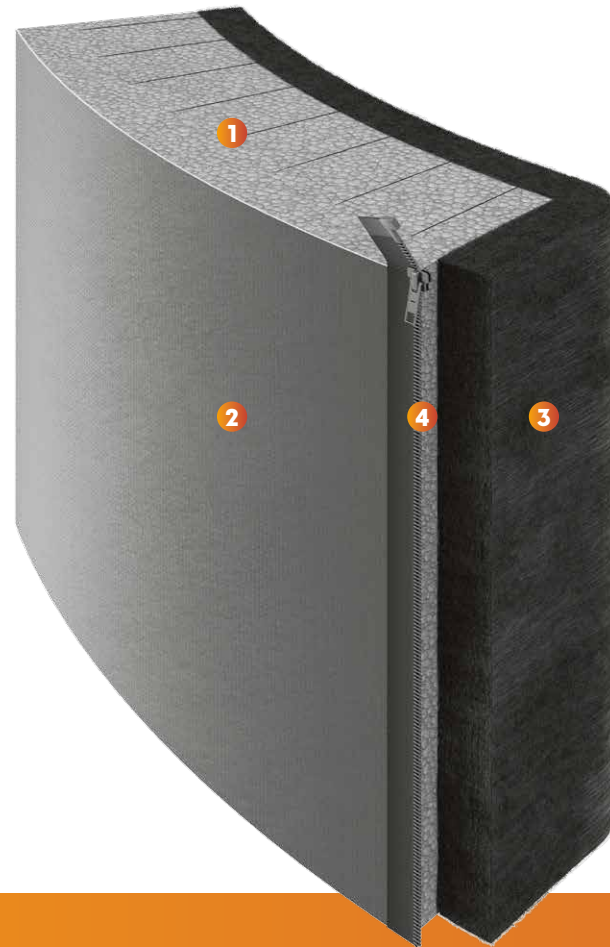
- 5 Tight the main isolation connection, finish all the details



siro.tank.TI.N/PP

The light version is equipped with a flexible top layer unlike other models that feature a hard one. A classical zip fastener is used for closing. Thanks to this, the insulation reaches a favourable weight. This version also features a solid EPS - graphite core. The insulation thus keeps its high quality and minimises the risk of damaging. The price-to-performance ratio is unique when compared with typical products on the insulation material market.

- 1 EPS – Graphite core
- 2 PP surface
- 3 fleece
- 4 classic zip

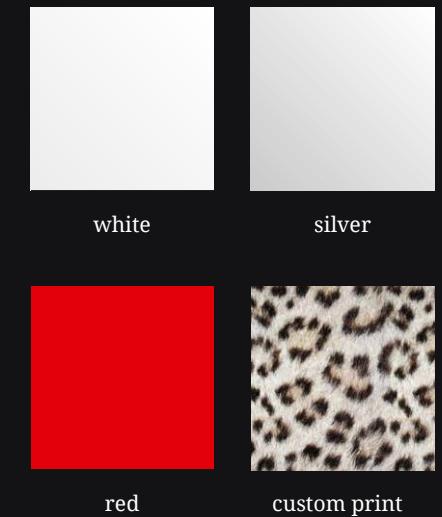


SPECIFICATIONS

IMPORTANT FACTS

| | |
|--------------------------|-------------------|
| surface | flexibile PP foil |
| fastening | classic zip |
| workers for installation | 2 |
| special aids or tools | no need |
| custom adjustments | yes |

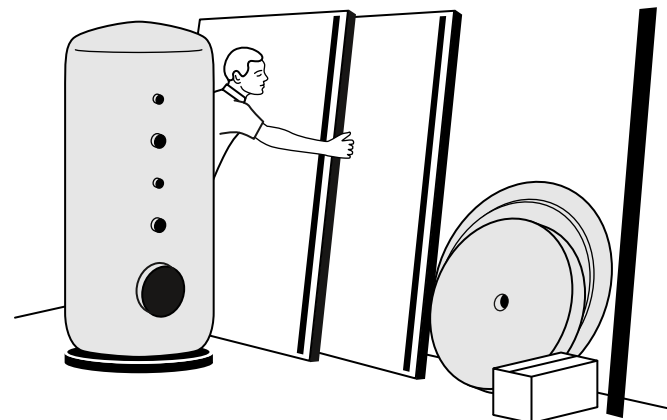
SURFACE FINISHES



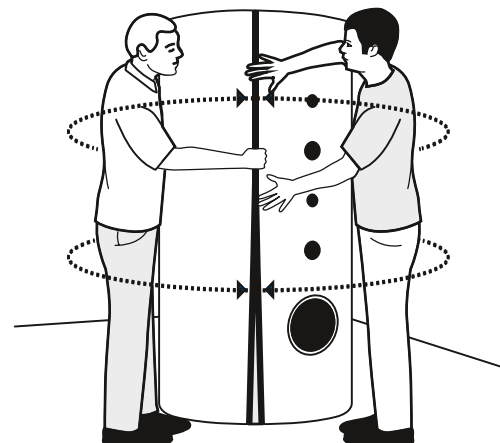
4 EASY STEPS

With this 4 easy steps, 2 workers can install the isolation in just a few minutes. Please not that a detailed manual is part of the delivery.

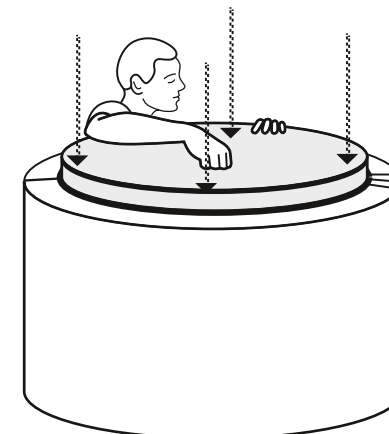
- 1 Prepare all parts, insulate the bottom



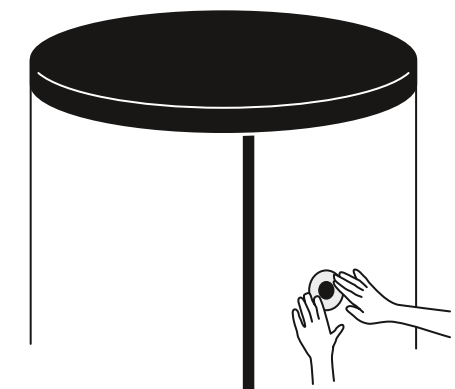
- 2 Tight the main isolation connection



- 3 Insulate the top



- 4 Finish all the details & connections





WE ARE NEVEON

We develop products that enhance the lives of people around the world. As a specialist for innovative and sustainable foam solutions we pursue fresh approaches and are passionate about future-oriented ideas.

We offer exceptional flexible and composite foams for the vast diversity of applications provided by our Living & Care, Mobility and Specialties business units.



CONTACT

We will be pleased to provide you with additional product information.

Simply get in touch!

We look forward to hearing from you.

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