

.insulation

THE INNOVATIVE **BOILER INSULATION.**

siro.boiler.TI.W



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.boiler.TI.W**

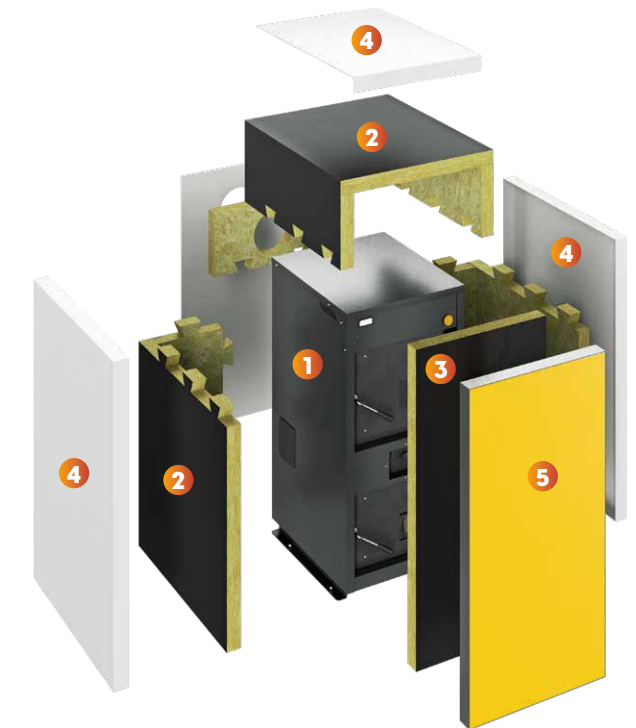
siro.boiler.TI.W is a smart solution for the insulation of boilers. Until now, the connection of the mineral wool has been created by staples. **siro.boiler.TI.W** insulation has mineral wool plates designed to be precisely fitted and connected by means of a plug connection (model puzzle).

Therefore the insulation is self-supporting (without additional material, glue, clamps, etc. to the connection) and no longer has to be attached to the boiler (no adhesive). This considerably reduces the assembly time. The simple handling of the parts also minimizes the subject of dust formation.



DESCRIPTION

- 1 Boiler
- 2 Parts of **siro.boiler.TI.W** insulation. Bended and interlocked with puzzle plug. Together creating a self-supporting solution.
- 3 Door is also filled with **siro.boiler.TI.W** insulation.
- 4 For top layer covers are usually used profiled metal sheets.
- 5 Profiled metal sheets or **siro.boiler.J.PS** cover made of PS.

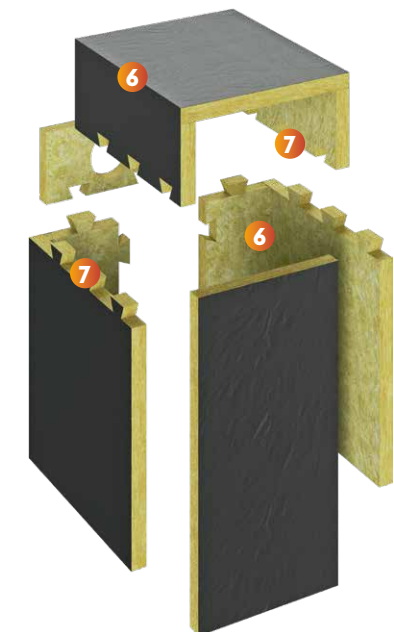


PUZZLE PRINCIPLE

Whole body is made from a minimum number of pieces. Very small bodies can be done from just one piece of material. This means way simpler and faster assembly time.

The whole system is self-supporting and is delivering consistent insulating properties along the whole lifespan.

- 6 Edges are created by bending
- 7 Bigger parts and connections are created by a simple plug



UNIQUE BENEFITS

- **Amazing properties**
Good thermal insulation properties, easy and quick assembly without additional tools.
- **Individual solutions**
Great value of individual development with the customer.
- **We love our planet and set an example**
Natural material, no harmful substances.
- **Top quality**
Non combustible, fire class A1. Innovative system (patented).
- **Technology of today, solution 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.

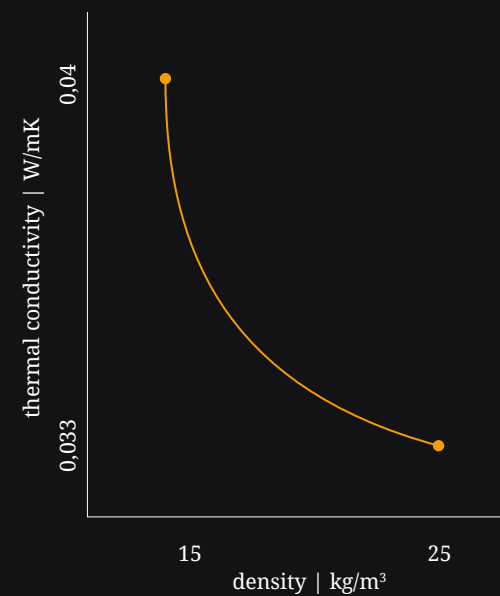
The **siro.boiler.TI.W** solution is composed of 90% of natural mineral raw materials. As with other NEVEON **siro.** solutions, during the production of our products we focus on quality and sustainability. Our production is managed by quality standards of ISO 9001 (Quality Management) and ISO 14001 (Environmental management).

- FCKW, HFCKW and HFKW free
- other halogen gases free
- HBCD free
- unwanted fire inhibitors free
- Silicon and Silicates free
- environment protection REACH-Konform
- water stress harmless
- pH no influence
- health influence none
- recyclability 50 %

THERMAL INSULATION PROPERTIES

High quality material is used for the insulation. The thermal conductivity depends on the density of the material which can be adapted to individual customer needs.

Thermal conductivity:
The **siro.boiler.TI.W** material density has positive impact on absorption coefficient and thus the insulating properties.



BEING RESPONSIBLE DESERVES RESPECT

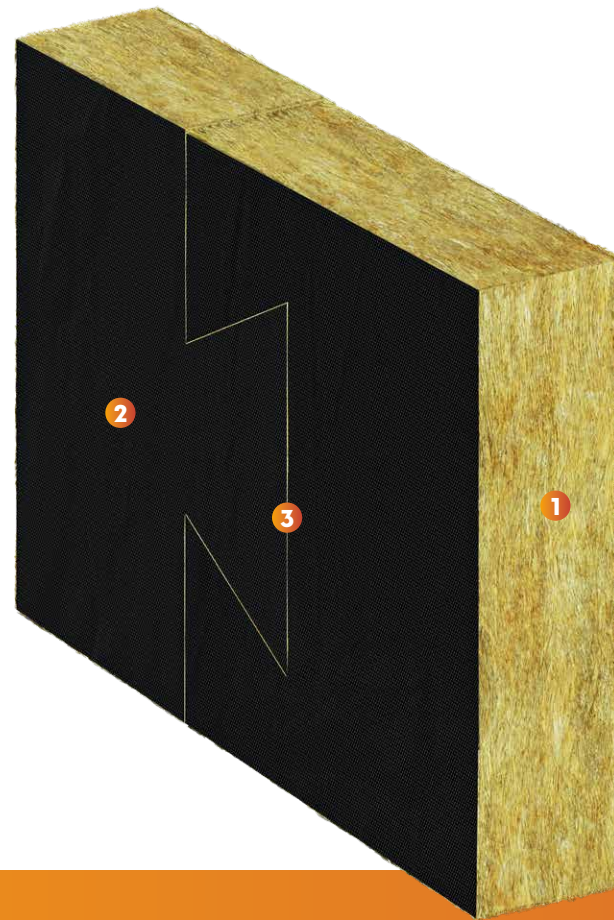
Environmentally responsible companies enjoy higher respect of clients, governments and other companies. Moreover, responsibly developed products evince the highest quality and benefits.

Therefore for us at NEVEON, sustainability, environmental friendliness and the highest quality go hand in hand.

siro.boiler.Tl.W

This system's special feature is the interlocking of the parts, which ensures easy installation. This decisively shortens installation time and – quite incidentally – also lends an attractive appearance to the actually invisible parts.

- 1 self-supporting mineral wool body
- 2 glass fiber fabric
- 3 smart interlocking solution

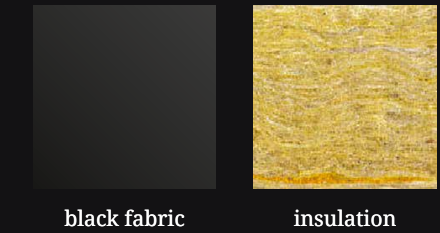


SPECIFICATIONS

IMPORTANT FACTS

surface	black fabric or insulation
thickness	30 – 120 mm
fastening	patented lock system
workers for installation	1 – 2
special aids or tools	no need
custom adjustments	yes

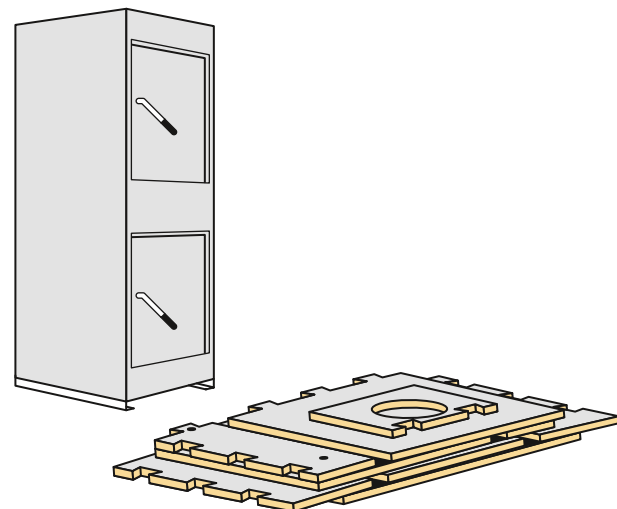
SURFACE FINISHES



4 EASY STEPS

With this 4 easy steps, 1 – 2 workers can install the insulation in just a few minutes:

- 1 Prepare all parts



- 2 Place and bend the first block



- 3 Interlock, bend and place all the parts



- 4 Place the boiler covers, finish the details



NOTE: Detailed manual is part of the delivery.



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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