

ENVIRONMENTAL STATEMENT 2013

WERROWOOL OÜ

WERRO  WOOL



CONTENTS

WERROWOOL IN BRIEF • 3

PRINCIPLES OF ACTION • 4

PRODUCTS • 5

MANUFACTURING AND INSTALLATION
OF WERRO WOOL CELLULOSE FIBRE INSULATION • 7

ENVIRONMENTAL MANAGEMENT SYSTEM • 8

ENVIRONMENTAL ASPECTS AND IMPACT • 8

ENVIRONMENTAL OBJECTIVES AND TARGETS • 10

EFFICIENCY OF ENVIRONMENTAL PERFORMANCE • 12

SOCIAL RESPONSIBILITY • 14

VERIFICATION OF THE ENVIRONMENTAL STATEMENT • 15

CONTACTS OF THE COMPANY • 15

WERROWOOL IN BRIEF

WERROWOOL OÜ is a company manufacturing and marketing environment-friendly insulation material cellulose fibre insulation Werro Wool made mainly of waste paper since 2007. WERROWOOL OÜ is the only insulation fibre manufacturer in Estonia and as of 2013, its share of the Estonian cellulose fibre insulation market was over 60% and made up nearly 8% of the Estonian insulation materials manufacturers' export.

Significant facts:

- **2007** – company is founded as Inku Kapitali OÜ, owned by 100% Estonian capital;
- **2008-2009** – company starts to contribute to increasing the consumers' awareness of using healthy and environment-friendly insulation materials, and starts establishing all-Estonian network of cellulose fibre insulation installers;
- **2010** – company starts planning its own manufacturing plant;
- **2011** – factory is launched in Antsla, Võrumaa;
- **2012** – company is issued an ISO 9001 quality management certificate by Bureau Veritas;
- **2012** – products receive the manufacturer's certificate, thermal conductivity and fire safety certificates, and the company starts marketing its production;
- **2013** – production is marketed under trademark Werro Wool in Estonia and Baltic countries, as well as in Scandinavia;
- **2013** – company implements an environment management system that is in compliance with ISO 14001 standard and EU Council Regulation of EMAS;
- **2013** – on the contest organized by the Ministry of the Environment, company wins the title of the Environment-Friendly Enterprise of the Year, along with the prizes in environment-friendly product/service and environmental manage-



ment categories. Evaluating commission nominates the company to the European Contest in the categories of environmental management and environment-friendly product/service.

KEY INDICATORS AS OF THE END OF YEAR 2013:

Turnover: 343,000 Euros

Products: insulating building material
cellulose fibre insulation Werro Wool

Production volume: 633.3 tons

Number of employees: 4

Operating locations:

Tartu office • Väike-Turu 8, Tartu • sales, purchase, management and support operations

Tartu interim storage • Vitamiini 8, Tartu • interim shelf storage for the end products

Antsla factory • Tsooru mnt 31, Antsla • manufacturing, packaging, storing of cellulose fibre insulation, support operations to manufacturing

WERROWOOL'S PRINCIPLES OF ACTION

WERROWOOL OÜ is operating in the area where environmental protection can not be underestimated. Our clients highly value the quality and environmental sustainability by choosing the insulation material made of recycled materials. Therefore, all our activities are based on these values and principles.

WERROWOOL'S MISSION

To reduce the energy consumption of homes and offices and create better living environment. For this, we are manufacturing and selling carefully prepared human- and environment-friendly insulation material

WERROWOOL'S VISION

WERROWOOL is environmentally the most sustainable and preferred insulation material manufacturer in Baltic countries and Scandinavia. WERROWOOL's credibility and customer loyalty rest on quality, modern values and environmental protection.

WERROWOOL'S QUALITY AND ENVIRONMENTAL POLICY

As a responsible enterprise we follow these principles in our activities:

- Offer high quality and environmentally sustainable insulation material to customers;
- Aim on doing our work flawlessly, avoid polluting the environment, possible health injuries and work accidents;
- Follow the principles on maximum recycling and cleaner manufacturing in our activities;
- Develop and recognize effective, customer-focused and sustainable activity of employees;
- Cooperate only with subcontractors and suppliers with positive feedback, preferring partners who respect the environmental protection;
- Contribute to creating better living environment with our activity and products;
- Meet the requirements of legal acts that regulate our activities, products and services, and other norms accepted by the company;
- Improve our products and activities in a sustainable and innovative way, in order to achieve better results.



WERROWOOL'S PRODUCTS

The main production of WERROWOOL OÜ is the insulation and isolation material cellulose fibre insulation Werro Wool that can be used in following ways:

- dry-blowing of horizontal surface (attics, floors, inserted ceilings);
- dry-blowing of incline surface (e.g. incline ceilings);
- dry-blowing of vertical surface (e.g. wall);
- wet-blowing of vertical surface (e.g. wall).

The basic idea behind working out of the cellulose fibre insulation Werro Wool is to create a high quality, healthy and environmentally sustainable production cycle, or life circle, of a product, beginning with the collection of raw material out of waste (waste paper) up to managing the product in the end of its life circle. We have involved experts from various research institutions and universities in the product innovation, using their scientific potential in developing and testing the product.

Environment-friendly



Cellulose fibre insulation is **an environment-friendly insulation material**.

Werro Wool is made nearly 85% of waste paper, using energy-saving manufacturing technology. Waste paper is a renewable raw material that significantly helps to reduce the CO2 footprint of buildings, when used in cellulose fibre insulation. Cellulose fibre insulation manufacturing takes ca 30 times less input energy, compared to the manufacturing of mineral wools (stone- and fibreglass). Werro Wool cellulose fibre is a reusable material easy to manage and with minimum environmental impact. When demolishing the buildings that have been insulated with cellulose fibre insulation, the isolation waste is easily reusable, does not cause any additional damage on environment and has a minimum impact on biological diversity.

Thermal resistance



Cellulose fibre insulation has better insulating properties than competing insulation materials. **Thermal conductivity coefficient** (λ) of Werro Wool cellulose fibre is 0.0409 W/mK, which is better than for instance 0.042 W/mK of blown fibreglass and 0.045 W/mK of blown stone wool respectively. .

The blowing indicator, or the wind resistance coefficient, of Werro Wool also makes it better than several competing blown loose wools. This reduces convection in the structures and thus contributes to better thermal resistance of a building:

- For an attic, inserted ceiling or floor with a density of material 30 kg/m³, respective indicator is 5 kPa s/m²;
- For an inclined ceiling with a density of material 45 kg/m³, respective indicator is 9 kPa s/m²;
- For a dry-mounted wall with a density of material 60 kg/m³, respective indicator is 37 kPa s/m².

Natural ventilation and moisture control



Werro Wool is great for its ability to absorb moisture and release it over time. Mineral insulating wools lack such characteristics. Its ability to ventilate itself means that Werro Wool needs no vapour barriers when insulating a building. The absence of vapour barriers means that the building ventilates better, has an improved thermal environment and there is no risk from water condensation.

Werro Wool also keeps the structures of a building dry during humid seasons, which reduces the risk of emerging cold bridges and extends the lifetime of the structures.

Allergy free



Because Werro Wool is made of a natural material (newspapers which is recycled wood fibre), it is suitable for using in the buildings where people with various allergies often stay. Werro Wool is especially **suitable for insulating public buildings**, such as kindergartens, schools, nursing homes, etc. Werro Wool cellulose fibre insulation is manufactured according to a new recipe, in which most boron compounds have been replaced with aluminium compounds. Using these added compounds that are safer for the environment and health allows to maintain and improve all the properties of the material (e.g. fire and vermin resistance), while avoiding impacts of boron compounds.

Fire resistant



Werro Wool was granted the D-s2, d0 result (on the Euroclass scale) based on burning tests performed by TÜV Eesti OÜ, which means that the material has a longer-term resistance to a small flame (height 20 mm) and, in case of a thermal impact, it is a material with slow and limited heat emission. Fire resistance tests for Werro Wool are continuously performed in the manufacturing process. Many competing blown fibreglass wools fall under a non-combustible category A. However, they melt as a result of heat, which in turn accelerates the spread of fire in the constructions.

Vermin free



The compounds in cellulose fibre insulation keep rodents away from the insulating layer. Added compounds also work well against mould and various fungi. This is especially important in case there is a water leak in the building. Cellulose fibre insulation Werro Wool is a self-ventilating material that dries over time while preserving its insulating properties.

Soundproof



Werro Wool cellulose fibre insulation is a great soundproofer, which is due to the flaky structure of the material. The results of noise reduction are remarkable for both external and internal walls.

Affordable



Werro Wool cellulose fibre insulation is an affordable alternative when insulating the building due to several factors. The installation of blown cellulose fibre insulation is faster, airtight and less expensive than with common roll or sheet wools. When installing blown cellulose fibre insulation, there is no need for vapour barriers; if this is considered already in the design stage, costs of material and time drop. The insulating quality of blown cellulose fibre insulation is better than that of blown fibreglass and stone wools, which gives additional savings in long-term. Werro Wool is manufactured in Estonia, this gives local people a significant saving also from lower transportation cost of material.

For additional information about the products please refer to our website: www.werrowool.ee



WERRO WOOL CELLULOSE FIBRE INSULATION MANUFACTURING AND INSTALLATION

Cellulose fibre insulation is manufactured by mechanical processing of waste paper.



In 2013, we collected 544 tons of waste paper and recycled this into insulation material. Before the waste paper can be processed, it is additionally sorted and unsuitable paper is sold on to the other processors. In 2013, 38 tons of waste paper was not of high quality enough for the manufacturing process.

In mechanical processing, the waste paper is shredded and mixed with **added compounds** to ensure the fire resistance, avoid mould and keep away the vermins. Majority of added compounds is made up by aluminium hydroxide, which is a residue from the aluminium industry and more environment-friendly alternative, compared to boron compounds that are used mainly in cellulose fibre insulations.

We use **energy efficient technology** to manufacture the cellulose fibre insulation. Cellulose fibre insulation manufacturing takes ca 30 times less input energy, compared to the manufacturing of mineral wools (stone- and fibreglass). Also, we use the residual heat generated by the production equipment to heat the manufacturing facilities, so that no additional heating is required in the facilities. Manufacturing process uses 200 kW electric engines that generate estimated amount of 30% heat energy. In 2013, we updated the ventilation system to collect and use the residual heat energy from the production process, and as a result, additional heating in the facilities during heating period was no longer required. Estimated annual saving is approximately 0.8 MWh of heat energy. In addition, all larger electric engines have been equipped with rheostats, which enables the most optimal use of energy on the engines.

Cellulose fibre insulation is **packaged** into 15 kg paper packaging. In 2013, we worked out a system

for collecting and recycling substantial part of used paper packaging into product, i.e cellulose fibre insulation. Hence, we can say that the life cycle of in principle almost all of the cellulose fibre insulation we manufacture is a waste-free. In addition, this kind of system for collecting paper packaging annually adds approximately 5,000 kg of waste paper to the manufacturing, which is not only sparing the resources and environment, but gives also remarkable economic benefit.

Transportation of goods from the factory in Antsla to the interim shelf storage in Tartu is using a so-called empty transportation since 2013. As adding new stock to the storage in Tartu can be planned so that operative supply is not crucial, a possibility was found to carry the goods between the storages by using an irregular transportation that otherwise was driving empty.

Nearly 80% of the manufactured cellulose fibre insulation is sold through the **network of installation partners**. Cellulose fibre insulation is installed on site by using the blower on the vehicle of the installation partner. Cellulose fibre insulation and the blower are in the vehicle where the expert's assistant opens the cellulose fibre insulation package into installation device. Material moves with a help of air current along the hose, up to where the expert is installing it.

Company's sales office in Tartu uses **electricity produced from a solar energy**. 15KWh solar panels have been installed on the roof and external walls of the office building. Over the last three months of year 2013, the total output of solar panels was 1,280 kWh of electric energy, 264.5 kWh was used for own purposes.

WERROWOOL'S ENVIRONMENTAL MANAGEMENT SYSTEM

WERROWOOL has implemented an integrated quality and environmental management system that is in compliance with ISO 9001 quality management standard, ISO 14001 environmental management standard, and EU Council Regulation 1221/2009 of Eco Management and Audit Scheme EMAS.

Therefore, the environmental management system is part of the overall management of the company. Environmental management system helps to monitor how the set objectives are met, ensure that the legal requirements are followed, and plan and manage daily activities and operations. Manager

coordinates the operating and improvement of the quality and environmental management system of the company, while both the management and the council members are involved in continuous development of the management system. WERROWOOL's management reviews the management system as a whole at least once a year during regular management system inspections.

Further details on the structure and operating of the environmental management system is presented in the management system handbook of the company

WERROWOOL'S ENVIRONMENTAL ASPECTS AND IMPACT

Cellulose fibre insulation Werro Wool has several positive impacts, direct as well as indirect, on people's health and environment. For instance, the fact that cellulose fibre insulation is made nearly 85% of waste paper has a direct positive environmental impact (using renewable raw materials), but is also indirectly making a positive contribution to the recycling of waste paper that is created in Estonia. Cellulose fibre insulation contains waste paper, which is a renewable raw material, using of which remarkably helps to reduce the CO2 footprint of buildings. Indirect positive impact of cellulose fibre insulation appears also from its properties that help to create an energy-saving and healthy living environment in buildings. In the end of the life circle of cellulose fibre insulation, for instance when renovating or demolishing the buildings, the im-

impact of remainder of biodegradable and harmless cellulose fibre insulation on the environment, including biological diversity, is minimal.

However, we acknowledge that the activity of the company has also a negative, both direct and indirect, impact on the environment. In order to arrange the environmental activities in the company, we systematically identify positive and negative, both direct and indirect, environmental aspects that relate to our products and activities, and assess the importance of their impact. Identified significant environmental aspects serve as a basis for our environmental objectives and targets that, by turn, create a basis for the operating and continuous improvement of our environmental performance.

→ → →

→→→

Significant direct and indirect environmental aspects of products and activities of WER-ROWOOL OÜ and their impact on the environment

| PRODUCT, ACTIVITY, SERVICE | SIGNIFICANT ENVIRONMENTAL ASPECT | POSSIBLE ENVIRONMENTAL IMPACT |
|---|---|--|
| Significant positive aspects | | |
| Manufacturing of cellulose fibre insulation, product Werro Wool | Main raw material - recycled waste, waste paper, packages (direct aspect) | Recycle of material, saving natural resources, reduced environment pollution, incl positive impact on biological diversity |
| Manufacturing of cellulose fibre insulation | Residual heat used in the process (direct aspect) | Reduced use of resources |
| Use of cellulose fibre insulation in buildings | Waste created from cellulose fibre insulation (indirect aspect) | Cellulose fibre insulation is in principle reusable and can be managed in environment-friendly way |
| Kontoritegevused | Renewable electricity used (direct aspect) | Reduced use of resources, environmental pollution avoided |
| Significant negative aspects | | |
| Manufacturing, packaging, storing of cellulose fibre insulation | Fire accident (direct aspect) | Damage on employees' health and company's assets, environmental pollution |
| Manufacturing, packaging, storing of cellulose fibre insulation | Electricity used (direct and indirect aspect) | Conducting to the environmental impact caused by the produce of electricity, incl contribution to climate changes and atmosphere pollution |
| Manufacturing, packaging, storing of cellulose fibre insulation | Packages waste created (direct aspect) | Polluting environment with waste, waste of resources |
| Transportation of raw material and end products | Exhaust fumes (indirect aspect) | Ambient air pollution |
| Transportation of raw material and end products | Fuel consumed (indirect aspect) | Exhaustion of resources |
| Office activities | Regular waste created (direct aspect) | Polluting environment with waste, waste of resources |

WERROWOOL'S

ENVIRONMENTAL OBJECTIVES AND TARGETS

In 2013, we set the following environmental objectives and targets, related to significant environmental aspects, that were largely met. Further details on the key performance indicators have been presented also in the chapter on efficiency of environmental performance.

| 2013 ENVIRONMENTAL OBJECTIVES AND TARGETS | OUTCOMES BY THE END OF 2013 |
|--|--|
| Avoid and reduce the create of waste <ul style="list-style-type: none"> • More efficient training of suppliers • Expand range of suppliers in Estonia • Start the systematic collection of our own product packaging | Suppliers better informed, range of suppliers slightly expanded, collection of product packaging started |
| Increase the energy efficiency <ul style="list-style-type: none"> • Reduce the energy consumption per unit • Contribution to the use of alternative energy | Reduced energy consumption achieved, Tartu office moved to the building using solar energy |
| Increase the environmental awareness <ul style="list-style-type: none"> • Implement environmental management system • Organize guided tours • Organize media events and campaigns, participate in fairs • Take part in the environment-friendly enterprise contest | Implementation of EMAS and ISO 14001 started, achieved the Estonian Environment-Friendly Enterprise of the Year 2013 title; increased interest in guided tours; participation in rural fair Maamess 2013 and Hauka fair (Hauka Laad 2013); performed in media (ERR series „Beautiful country“) and on seminars |

→ → →



→ → →

Following environmental objectives and targets are set for 2014, which will be reviewed in the 2014 environmental statement:

| 2014 ENVIRONMENTAL OBJECTIVES AND TARGETS |
|---|
| <p>Avoid and reduce the create of waste</p> <ul style="list-style-type: none"> • Continuous increase of return rate for our own product packaging • Organized arrangement for the return of pallets and packaging plastic • Use of wider selection of waste paper to meet the increased manufacturing volumes |
| <p>Increase the energy efficiency</p> <ul style="list-style-type: none"> • As a manufacturer of energy-saving construction material with growing sales, contribute to the energy-saving of buildings • Improve keeping of the residual heat in manufacturing facilities • Continue use of solar energy in office facilities |
| <p>Environment-friendly product innovation</p> <ul style="list-style-type: none"> • Upgrade the filter system to use wider selection of waste paper • In cooperation with scientific institutions, develop adhesive substance from fine particles of cellulose fibre insulation for using in road construction |
| <p>Increase the environmental awareness</p> <ul style="list-style-type: none"> • Certify EMAS and ISO 14001 environmental management system • Spread the message of the Environment-Friendly Enterprise of the Year 2013 in media, on seminars and fairs • Continue to welcome the guided tours • Attract partners in organizing the media events and campaigns |

WERROWOOL'S

EFFICIENCY OF ENVIRONMENTAL PERFORMANCE

Efficiency of company's environmental activity is illustrated by the key performance indicators, as well as company's activity in increasing the environmental awareness and importance of meeting the legal requirements.

Key indicators of the environmental performance

| KEY INDICATORS BY AREAS | CONSUMPTION | | | CONSUMPTION PER PRODUCTION TON | | ASSESSMENT |
|--|----------------|-------|-------|--------------------------------|--------|------------|
| | Unit | 2012 | 2013 | 2012 | 2013 | |
| Production volume | ton | 320.7 | 633.3 | | | 😊 |
| ENERGY EFFICIENCY | | | | | | |
| Total electricity consumption | MWh | 52.2 | 84.5 | | | 😞 |
| Incl electricity consumption in factory (Antsla) | MWh | 52.2 | 83.5 | 0.163 | 0.132 | 😊 |
| Incl electricity consumption in office (Tartu) | MWh | 0* | 0.76 | 0** | 0.0012 | 😐 |
| Incl electricity from solar energy (Tartu) | MWh | 0* | 0.26 | 0** | 0.0004 | 😐 |
| Heat energy consumption (Tartu) | MWh | 0* | 1.98 | 0** | 0.0031 | 😐 |
| MATERIAL EFFICIENCY | | | | | | |
| Waste paper (raw material) | ton | 289 | 544 | 0.9 | 0.86 | 😊 |
| Added chemicals | ton | 45 | 77 | 0.14 | 0.12 | 😊 |
| Diesel fuel (internal transportation in manufacturing process) | ton | 0.12 | 0.33 | 0.0004 | 0.0005 | 😞 |
| Paper packaging a 15 kg | ton | 5.6 | 12.3 | 0.0175 | 0.0194 | 😐 |
| WATER | | | | | | |
| Total water | m ³ | 1.7 | 5.5 | 0.0053 | 0.0087 | 😞 |
| Incl water consumption (Antsla) | m ³ | 1.7 | 3 | 0.0053 | 0.0047 | 😞 |
| Incl water consumption (Tartu) | m ³ | 0* | 2.5 | 0* | 0.0039 | 😐 |
| Total waste water | m ³ | 1.7 | 5.5 | 0.0053 | 0.0087 | 😞 |
| Incl waste water (Antsla) | m ³ | 1.7 | 3 | 0.0053 | 0.0047 | 😞 |
| Incl waste water (Tartu) | m ³ | 0* | 2.5 | 0* | 0.0039 | 😐 |

* no activities, ** per 30 m² office in Tartu

→ → →

→→→

| KEY INDICATORS BY AREAS | CONSUMPTION | | | CONSUMPTION PER PRODUCTION TON | | ASSESSMENT |
|--|----------------|------|------|--------------------------------|--------|------------|
| | Unit | 2012 | 2013 | 2012 | 2013 | |
| WASTE | | | | | | |
| Substandard raw material (waste paper) | ton | 3.2 | 38 | 0.01 | 0.06 | ☹ |
| Total waste | ton | 3.6 | 6.4 | 0.0112 | 0.0101 | ☹ |
| Incl package waste | ton | 2.8 | 5.5 | 0.01 | 0.01 | ☹ |
| Incl combined domestic waste | ton | 0.9 | 0.9 | 0.0028 | 0.0014 | ☹ |
| Waste recycling rate | % | 100 | 100 | | | ☺ |
| BIOLOGICAL DIVERSITY (USE OF LAND) | | | | | | |
| Operational land in use (Antsla) | m ² | 1528 | 1528 | 4.8 | 2.4 | ☺ |
| Operational land in use (Tartu) | m ² | 60 | 90 | 0.19 | 0.14 | ☹ |
| MANAGEMENT, ENVIRONMENTAL AWARENESS | | | | | | |
| Campaign events | pc | 1 | 1 | 0.0031 | 0.0016 | ☹ |
| Guided tours in the company | pc | 5 | 10 | 0.0156 | 0.0158 | ☺ |
| Legal non-compliances | pc | 0 | 0 | 0 | 0 | ☺ |
| Emergency situations | pc | 0 | 1 | 0 | 0.0016 | ☹ |

* no activities, ** per 30 m² office in Tartu

Compliance with legal and other requirements

Environmental management system is implemented, considering all the EU, national and local legal requirements concerning the environment and company's activity. Important legal acts regulating WERROWOOL's activity include the Waste Act, the Packaging Act, the Chemical Act, the Fire Safety Act, and their sub-regulations.

Põlva-Valga-Võru Region of the Environmental Board has issued to the company a waste permit no L.JÄ/320869 (valid until 17.07.2016) for the recycling operations of waste.

According to the assessment on the compliance with legal acts, in 2013, the company met all the requirements of the environmental legislation and the environmental permit, without any prescriptions from the permit issuing or other institutions.

In 2013, a fire accident was registered in our factory, which caused moderate damage. Necessary measures have been taken in order to avoid and prevent similar accidents in the future.

Due to manufacturing process the quantity of hazardous waste is not exceeding 5 kg/year, thus the quantity is not considered important and not included in key indicators of environmental activities.

WERROWOOL'S SOCIAL RESPONSIBILITY

WERROWOOL OÜ wishes to contribute to sustainable development and social activities also outside of its manufacturing activity. Besides promoting the sustainable development and environmental protection, we also support the **education, culture and sports**. These are namely the areas where our team finds its inspiration. Also, we try to be an opened partner for the local community, as well as all the other progressive-minded people and organizations in whose conception of the world the sustainable development has taken an important place.

Our factory is located in Võrumaa, contributing to the **development of entrepreneurship outside the large centres**. Decision of taking the manufacturing activities to borderland was made consciously, in order to increase the rate of employment in rural area.

Continuous dialogue and involvement helps to consider the needs and expectations of direct consumers, our own employees and the community as a whole. **Dialogue with consumers and the community** is kept during the guided tours in the company, as well as throughout the continuous cooperation with the network of partners.

We have acknowledged that good financial results and environment-friendly activity both rely on **motivated and aware employees**. Good working conditions and modern technology create a good working environment. Company values and principles pass on to the whole team through daily opened communication, as well as clearly phrased objectives and basic values. This is also a way to receive feedback on possibilities to improve the management of working environment and environmental aspects. Plus, we motivate our employees to carry a healthy life, by for instance rewarding them if they succeed to avoid smoking during working hours.

In education, we mainly focus on raising the environmental awareness among young people. We

regularly host groups from kindergartens and classes from vocational education centres and primary schools of Võru and Valga counties on various information days and guided tours. In 2013, ten guided tours were given to schools and organizations. In addition to hosting the tours, we have been disseminating information in several institutions and, in some of those, established a collecting system that would bring the waste paper to us. For instance, we have helped to establish a waste paper collecting system in Swedbank Tallinn headquarters, Ülemiste Technopolis and Ministry of Environment premises.

WERROWOOL OÜ serves as a practise base for the scientists from universities – cooperation is active with the Department of Road Engineering of the Tallinn University of Technology. In cooperation, tests are being carried out on how to find use for the fine particles created during cellulose fibre insulation manufacturing process in the road construction. This may soon become one of our new products.

It is important for us to support creativity and inspiration. In arts, we do cooperation with a young talented installation artist and sculptor Yevgeny Zolotko. Yevgeny has used cellulose fibre insulation in making many internationally recognized installations and WERROWOOL has been happy to support him. In 2011, Yevgeny received a Köler Prize award.

We actively contribute also to the activities of relevant associations and federations, both nationally and internationally. WERROWOOL OÜ is a member of the European Cellulose Insulation Association (ECIA) and the Association of Construction Materials Producers of Estonia (EETL), and does cooperation with the Passive House Association of Estonia.

VERIFICATION OF THE ENVIRONMENTAL STATEMENT

AS Metrosert, the accredited EMAS verifier EE-V-0001, after examining the environmental management system and environmental statement of WERROWOOL OÜ, confirms that the information and data presented in the environmental statement of the organization are reliable and correct and comply with the requirements of the Regulation (EC) No 1221/2009 of the European Parliament and of the Council of 25 November 2009 on the voluntary participation by organizations in a Community eco-management and audit scheme (EMAS).

The environmental statement has been validated on 30 April 2014.

Next environmental statement will be published in June 2015, at the latest.

CONTACTS OF THE COMPANY

WERROWOOL OÜ

Ivar Heinola • *Manager of Purchase, Sales and Innovation*

Ph +372 50 87 777

e-mail: info@werrowool.ee

Tsooru mnt 31, Antsla

66404 Antsla Parish, Võrumaa

Estonia

www.werrowool.ee

WERRO  WOOL

