



We are proud to say that over **one million square metres** of Revoltherm coated surfaces have proven the effectiveness of our product.

Here are some areas where our material has already been used.

Listed building

At present, the building industry has no other solution for insulating a listed building. A 0.8-1.2 mm thick coating improves the aesthetic experience of the building, while also providing thermal insulation.

Nagyatád District Court



Eiffel Palace



External renovation of the church



Apartment building

Apartment owners are realizing the many advantages of Revoltherm ultra-thin thermal insulation coating, as the installation is much cheaper and faster than traditional insulation, and there are no hidden costs (replacement of windows and sills, relocation of air conditioning, relocation of electrical equipment - light fixtures, bells, lightning protection earthing, etc.).

Tapolca



Clinker brick building



Tapolca, Vörösmarty



Tapolca, Ady facade



Technology pipeline

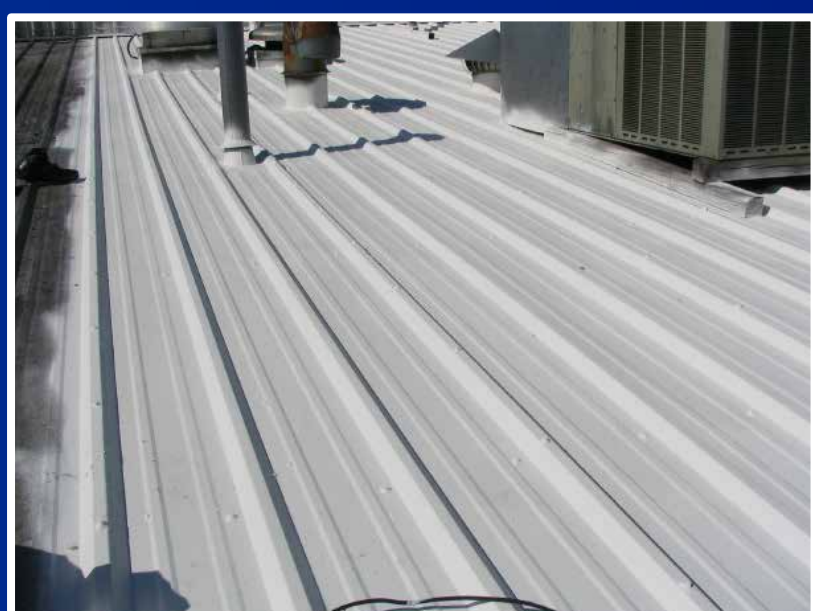
Insulation of steam pipes, gate valves, butterfly valves, valves with a technological temperature of 180-200 °C (up to 600°C) can only be done with this ultra-thin thermal insulation coating as far as we know today.



Insulation of halls, warehouses, livestock buildings

The coating of the roof structure of halls, warehouses, factory buildings with Revoltherm prevents the internal heating of the building.

To ensure constant ventilation in livestock buildings, the doors of the building must be kept open at all times. However, the temperature must be tempered. This is perfectly achievable with our coating, which is resistant to all known bacterial species and does not create a breeding ground for them.



Insulation of spas

The roof structure of the spa consists of a lindab sandwich structure. In detail: roof cladding, insulation, and then another metal sheet under the insulation. Under the metal sheet there is a 50 cm layer of air and under that a suspended ceiling. The disadvantage of the double-armed sandwich panel is that the metal sheet inside the room is cooled by the temperature outside and constantly drips back to the plasterboard suspended ceiling below.



Cargo space insulation

Hungarian wine trading house tested our coating last year. They were able to achieve a 15°C difference in outside temperature in their trucks without any extra energy input. This year, they have asked for their entire fleet to be coated. We also insulated the cargo holds of milk, produce, pharmaceuticals, beverage and confectionery trucks.



Interior and exterior insulation of family houses

It drastically reduces the energy consumption of cooling/heating units by reflecting heat from outside in summer and preventing heat escaping when used indoors in winter.



Insulation of slate roof

The slate roof is cracking, breaking, crumbling and mossing due to weathering, structural movement and ageing.

This causes major technical problems, leads to the building leaking and, in addition, is not aesthetically pleasing. The replacement of defective elements is not possible due to the discontinuation of production, and the demolition costs for a single-family house are several hundred thousand forints, because asbestos slate is classified as hazardous waste. Our company undertakes the cleaning of the slate roof from its own basket hoist, and by applying our Revoltherm ultra-thin coating, in addition to the thermal insulation, you also get an aesthetic coating that binds the dangerous asbestos fibres and increases the life of the roof. This way we can provide a more liveable, pleasant living space.



Insulation of wooden house

Our coating also provides the possibility of insulating wood. This technology preserves the vapour permeability of the wood, as well as its grain and aesthetic appeal.



Insulation of flat roof

Anyone who lives on the top floor of an apartment building will know first-hand that in summer the flat roof can easily reach 60-80°C, while in winter the sub-zero temperatures can cause a headache. The ceiling radiates heat into the living space in the summer and cold in the winter. We can easily solve this problem with our 0.8-1.2 mm thick Revoltherm ultra-thin insulation coating. Our solution can achieve energy savings of up to 40%.



Other

External application of the amphibious bus roof. Insulation of defence accommodation containers. Insulating the exterior and interior of the boat hull, based on the customer's tests, we were able to achieve a temperature difference of 30°C, while the condensation in the hull does not condense on the metal roof structure, so guests are more comfortable.

