



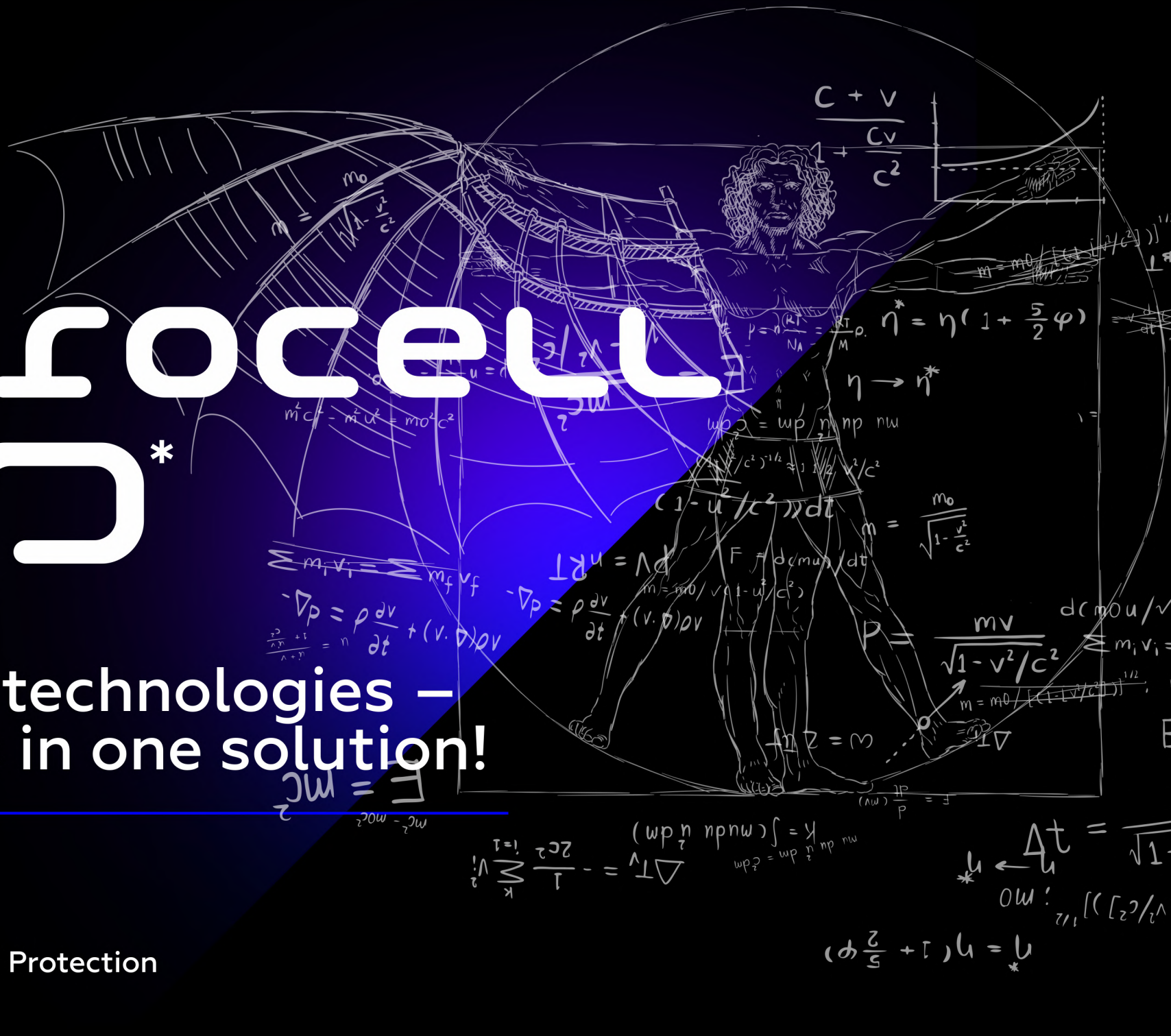
aeroCELL
QP | MORE
THAN NOISE
INSULATION



aerozell QP*

Hacking technologies –
15 forces in one solution!

*QP – Qualitative Protection





CEO's address to partners

Dear colleagues, hoping for reciprocity, I haven't addressed you so openly for a long time.

The «Aerocell» project is about more emotional than material. It includes the best ideas and technologies, mental positivity and physical result.

The «Aerocell» project is not only about material and technology. It is the ability to quickly find effective solutions in a like-minded team, the desire and ability to hear our partners and beloved customers. Thanks to the last years tasks, we became realized both in mutual understanding and respect, and in technology.

The «Aerocell» project gave an impetus to the creation of new testing tools and even modeling the effectiveness of our materials and technologies on real objects - cars.

We are at the beginning of creating new unique solutions. Moreover, we make them in a fast, accessible and consumer-friendly format.

I am waiting for your feedback, questions, wishes and ideas for the project development. This is a living organism, and we have taken only the first step.

Let's go to new successes together!



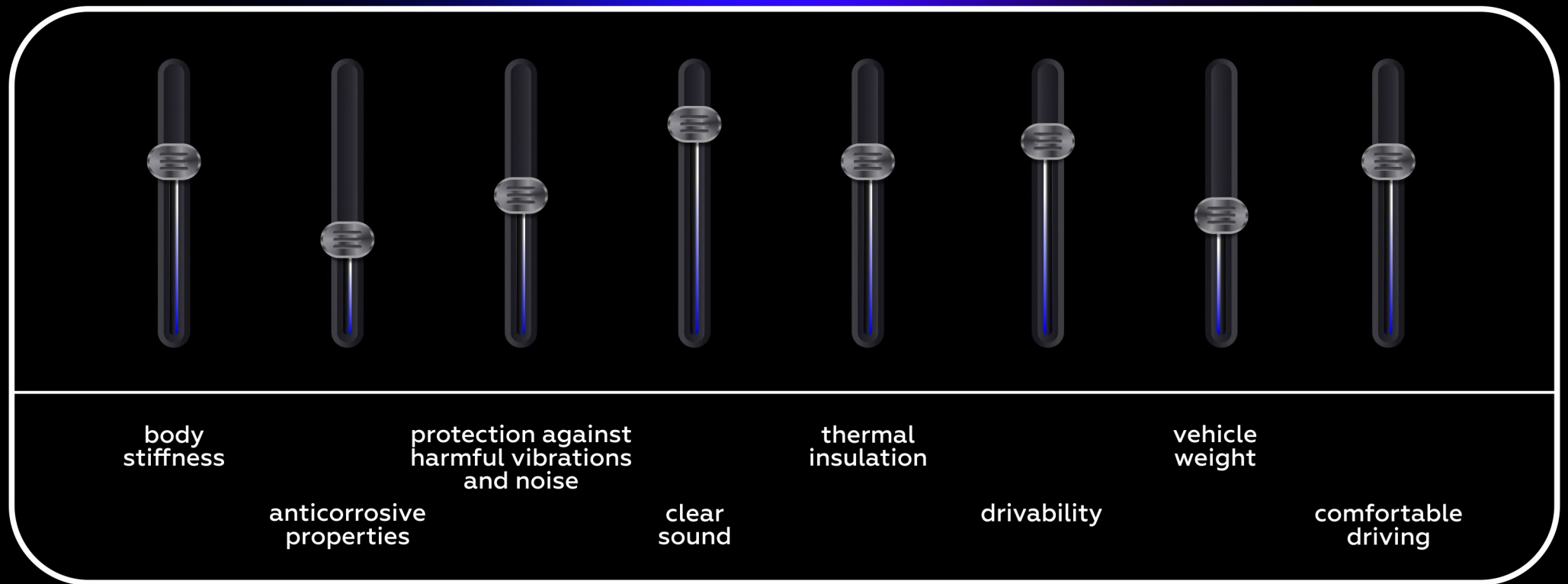
A white, stylized signature of M.D. Voskun, written in a cursive script, positioned below the portrait.

CEO of «Standartplast»
M.D. Voskun



Aerocell Technology -

a unique design solution that can be adapted to any of your clients (depending on the cost and desired effect)





BASIC TECHNOLOGY – CAR PROCESSING IN 1 LAYER

COST: THE PRICE DEPENDS ON THE CAR CLASS

This technology for people who:

- think car noise insulation is expensive
- do not believe in results and efficiency
- plan to process their car with high quality materials
- want to extend the life of the car

Solution advantages:

- Increase in the rigidity of the metal by 7 times
- Protection against harmful vibrations and noise
- Anti-corrosion body protection
- Removes low-frequency noise
- Additional interior thermal insulation
- Improving acoustics sound quality
- Comfortable driving
- Driver and passengers health protection
- Improved car handling



**HAS NO ANALOGUES
IN TERMS OF PROPERTIES**



Processing technology :

Treatment areas:

Basic technology:

Hood

Aerocell QP Genio

Boot lid

Aerocell QP Genio

Roof

Aerocell QP Genio

Floor

Aerocell QP Intrigo

Door (outer panel)

Aerocell QP Intrigo

Door (inner panel)

Aerocell QP Genio

Boot (rear fenders)

Aerocell QP Genio

Boot (floor and arches)

Aerocell QP Intrigo



aerocell TECHNOLOGY

a unique design solution, covering by
an unprecedented **lifetime warranty**
for the end user
(subject to installation technology)

Handwritten mathematical formulas and diagrams on a dark background:

- $\frac{c+v}{1+\frac{cv}{c^2}}$
- $\frac{(c+v)}{c(\lambda+c)}$
- $\frac{\sqrt{1-\frac{v^2}{c^2}}}{\omega} = w$
- $m^2 c^2 - m^2 v^2 = m^2 c^2$
- $D = \mu k_B T$
- $p = n \frac{RT}{N_A} = \frac{RT}{M} \rho$
- $\omega = 2 \pi f$
- $E = mc^2$
- $\Delta T_V = -\frac{1}{2c} \sum_{i=1}^k v_i^2 \Delta T_i$
- $\frac{d(mv)}{dt}$
- $\Delta t = \frac{\Delta t_0}{\sqrt{1-v^2/c^2}}$
- $\sum m_i v_i = \sum m_f v_f$
- $m = m_0 / \sqrt{1-v^2/c^2}$
- $E = \frac{mc^2}{\sqrt{1-v^2/c^2}}$
- $F = d(mv)/dt$
- $p = n \frac{RT}{N_A} = \frac{RT}{M} \rho$
- $D = \mu k_B T$
- $m = \frac{m_0}{\sqrt{1-\frac{v^2}{c^2}}}$
- $\Delta t = \frac{\Delta t_0}{\sqrt{1-v^2/c^2}}$
- $m = m_0 / \sqrt{1-\frac{v^2}{c^2}}$
- $\frac{v^2}{\lambda + v} = n$
- Graphs showing curves and axes.
- Diagrams of particles and trajectories.



The idea of creating
aeroCELL
QR



aerocell QP

OUR RESPONSE TO THE SITUATION IN THE CAR TUNING MARKET!

The market is flooded with the same type of dummy solutions to be difficult for the end user to navigate. In pursuit of a buyer, sellers often make the foil brighter, marketing lauder, prices lower, thereby mask a low-quality product. And the buyers fall for these tricks

The Standartplast company, as the founder of the noise insulation market in Russia, has once again made a breakthrough in the car tuning industry. This breakthrough became an innovative, patented solution - Aerocell Technology.

Without exaggeration, we can say that 2023 will go down in the history of the automotive industry as the year of the birth of a fundamentally new approach to car tuning!



**What is
revolutionary
new?**

**aeroCELL
QR**





Unique product – **Aerocell QP**

This is an innovative material created using

COMBO-STRUCTURE TECHNOLOGY and
MULTITASK TECHNOLOGY

It's designed to solve a wide range of tasks related to the car longevity and the comfort of drivers and passengers

COMBO-STRUCTURE TECHNOLOGY

Aerocell QP - is the world's first material that is a combination of polymer and EPP granules within the same layer.

MULTITASK TECHNOLOGY

Using **Aerocell QP**. The fundamental principle of installing noise insulation changes, implying the presence of **three layers** with different functions

Now all the necessary functions are performed by just **one sheet material** with a complex structure. This greatly **simplifies and speeds up** the car processing process.

Moreover, **Aerocell QP** has numerous additional properties that improve the car quality characteristics.



aerocell QP GENIO

DIMENSIONS:

- ⊙ Sheet size: 0,5x0,35 m
- ⊙ Sheet thickness: 4 mm
- ⊙ Mass of sheet: 0,67 kg
- ⊙ Quantity of sheets in pack: 40 pcs
- ⊙ MLF: 0,33 c.u.
- ⊙ Exploitation temperature range: from -20°C up to +70°C
- ⊙ Airborne sound insulation index: 30 dB
- ⊙ Density: 0,9
- ⊙ Heat resistance: +130°C
- ⊙ Frost resistance: -50°C

COMPOSITION:

- ⊙ Thick protective release paper
- ⊙ Mix of foamed polypropylene granules with a unique super-adhesive polymer base
- ⊙ Aluminium foil with exclusive design and printing



APPLYING AREAS:

- ⊙ Roof
- ⊙ Doors (inside panel)
- ⊙ Hood
- ⊙ Trunk lid
- ⊙ Rear fenders



aerocell QP INTRIGO

DIMENSIONS:

- ⊙ Sheet size: 0,5x0,35 m
- ⊙ Sheet thickness: 6 mm
- ⊙ Mass of sheet: 1,0 kg
- ⊙ Quantity of sheets in pack: 25 pcs
- ⊙ MLF: 0,5 c.u.
- ⊙ Exploitation temperature range: from -20°C up to +70°C
- ⊙ Airborne sound insulation index: 30 dB
- ⊙ Density: 0,9
- ⊙ Heat resistance: +130°C
- ⊙ Frost resistance: -50°C

COMPOSITION:

- ⊙ Thick protective release paper
- ⊙ Mix of foamed polypropylene granules with a unique super-adhesive polymer base
- ⊙ Aluminium foil with exclusive design and printing



APPLYING AREAS:

- ⊙ Floor
- ⊙ Trunk
- ⊙ Transmission tunnel
- ⊙ Engine compartment partition
- ⊙ Doors (outer panel)



aeroocell

QD

MORE
THAN NOISE
INSULATION

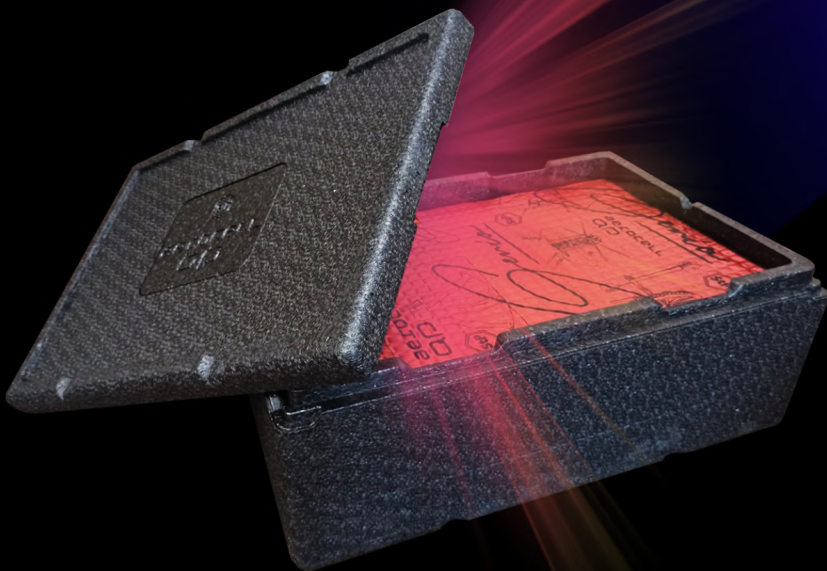
HACKING TECHNOLOGIES – 15 FORCES IN ONE SOLUTION

- RIDGITY
- SAFETY
- COMFORT
- ENVIRONMENTAL FRIENDLINESS
- SOUND INSULATION
- MANAGEABILITY
- HEALTH PROTECTION
- CLEAR SOUND
- DURABILITY
- ENERGY SAVING
- LIGHTNESS
- ALL SEASON
- SCIENCE INTENSITY
- CLIMATE COMFORT
- MANUFACTURABILITY



Universal isothermal packaging as a gift!

- The thermal container is made of expanded polypropylene (EPP) (Not to be confused with foam!)
- Can be reused!



SAFE

designed for food storage
(safety is confirmed
by the declaration)



DURABLE

load capacity up to 15 kg,
maximum stacking load up
to 75 kg
(proved 6 boxes in the stack)



KEEPS THE REQUIRED TEMPERATURE

it changes inside no more
than 2°C/hour



LIGHTWEIGHT

easy to transport
and store



LONG-TERM

suitable for
intensive use



EASY TO CARE FOR

easy to clean and wash,
doesn't absorb odors



UNIVERSAL

it can be used
in any field



What are Aerocell granules?

For more than 10 years, the **Standartplast** company has been purchasing EPP granules in Europe and making products from them for the conveyors of global auto giants.

The main range is **energy-absorbing parts** to protect the driver and passengers from injury in an accident (inserts in bumpers, doors, etc.).

At the beginning of 2022, we launched our **own production** of EPP granules and patented them under the trade name **Aerocell**.

Today we are the **only ones in Russia** who have a full cycle of products made from Aerocell granules and products made from them that combine more than a dozen **unique functional characteristics**.

In 2022, the Standartplast company has significantly expanded the range of products from Aerocell granules. **Thermal boxes, pallets, furniture, children's toys and household goods** are produced under the StP brand.

But the **real breakthrough** in our scientific experiments was the combination of heterogeneous components – the polymer layer and EPP granules. This is how **Aerocell QP** was born.



Commercial advantages

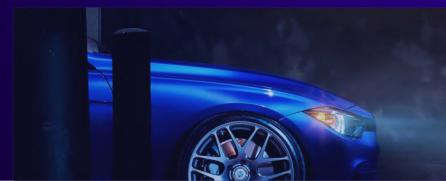
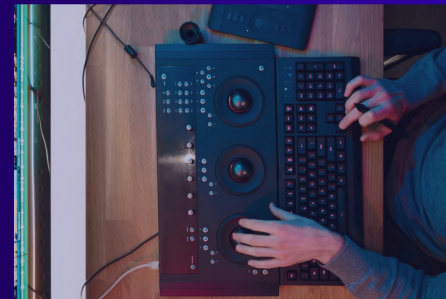
aeroCELL

T E C H N O L O G Y



Unprecedented marketing support

- partner conferences and webinars
- collabs with top bloggers/partners
- large-scale online advertising campaign
- participation in specialized exhibitions
- branded merch
- expanding the line of unique products





Our offers to StP distributors:

- 1.** A unique product that has no analogues on the market
- 2.** Favorable pricing for Aerocell Technology solution
- 3.** Savings on warehouse logistics
- 4.** No mess in the abundance of the range of materials
- 5.** Expansion of sales markets Aerocell Technology is a simple one-layer solution for car dealerships and vehicle restorers (buses, tractors, etc.)
- 6.** Thermobox from StP is an ideal gift for your partners, no problems with the storage and disposal of the usual cardboard packaging



Our offers to installers:

- 1. Competitive pricing for Aerocell Technology solution**
- 2. Savings on warehouse logistics**
- 3. No more mess in the abundance of the range of materials. No problems in training your specialists. Processing errors are minimized.**
- 4. The thermobox from StP is the perfect gift for your customers**
- 5. Ease and fast installation. Processing a car with a basic solution takes no more than 2 hours (excluding disassembly-assembly)**
- 6. Attractive price of complex processing for a potential client**
- 7. Specialists training and information support from StP**





Benefits for the end customer:

- Increase in metal hardness by 7 times
- Protection from harmful vibrations and noise
- Anti-corrosion body protection
- Removes low-frequency noise
- Additional thermal insulation of the interior
- Improving the acoustics sound quality
- Comfortable driving-
- Protection of the driver and passengers health
- Improved handling of the car

**A UNIVERSAL
+ THERMAL BOX STP
AS A GIFT!**



We are always in touch!!