



**Battery Cell Housing** Solutions  
Prismatic and round **slugs**



**ALUMINIUM**, a Wise Decision for a **Green** Future  
Produced. Used. Recycled. Remelted. Reused.



## MASTERING THE MATERIAL

Over three decades of expertise in aluminum recycling.

**Building long-term trust.**

Established network of scrap collection.

**Ensuring reliable supply.**

In-house collection center.

**Providing high-quality raw material input.**

License for LCA software.

**Continuous improvement in the environmental impact of our products.**

Certified by ISO 22095:2020 for 'Chain of Custody'.

**Commitment to traceability and responsible sourcing.**

## A DEVELOPMENT SUPPLIER

Your Solution Partner For:

Development of new alloys

R&D support

Prototypes

Testing

Serial production

## PRISMATIC AND ROUND SLUGS

### Custom geometry solutions

Thickness from 1.25 mm to 11.00 mm

Diameter from 10 to 580 mm (slugs)

Diameter from 10 to 600 mm (strip)

### Material quality

EN AW 1050

EN AW 3003

EN AW 3003 made of 50% PCR

Aluminium made of 100% or 50% PCR

### Sandblasted and tumbled surface treatment

## PCR SLUGS – REDUCING ENVIRONMENTAL IMPACT

Post-consumer material, which meets ISO 14021 standards, is material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product which can no longer be used for its intended purpose. This includes returns of material from the distribution chain.

We offer a wide variety of low carbon PCR slugs to support the reduction of CO<sub>2</sub> footprint and enable **sustainable packaging** through low CO<sub>2</sub> material and lightweighting.

## NEW OPPORTUNITIES

With the introduction of new production lines, we are expanding our sales volume of aluminum slugs by an additional 50%, positioning us as the leading producer of slugs. It will enable the **growth of existing production program** and the **development of new products** such as prismatic slugs for the automotive industry, other technical parts, aluminum strip and aluminum discs.

# TRANSITION TO INDUSTRY 4.0

**The transition to a smart factory is a continuous and strategic initiative.**

Robotization and automation of production lines  
Digital passport and digital twins  
Data capture and processing for AI-driven decision making  
Smart logistics solutions

## A WISE DECISION FOR A GREEN FUTURE

**We have committed to achieving carbon neutrality by 2030  
in Scope 1 and Scope 2 emissions.**

### **Solar Energy Initiatives**

We installed 3.7 MW of photovoltaic systems on the roofs of our production units and aiming to install more.

### **Hydrogen as an Alternative Energy Source**

We plan to use the surplus energy generated from our solar power plants for hydrogen production.

### **Recycling Aluminium Waste**

By recycling aluminium we significantly reduce the energy required to produce aluminium products.

### **Sourcing Low-Carbon Primary Aluminium**

In our quest to further reduce our carbon footprint, we are strategically shifting towards sourcing primary aluminium with a lower carbon footprint.

Sales manager  
Primož Visenjak  
E: primoz.visenjak@talum.si  
M: 00 386 31 329 448

Product manager  
Mitja Šoba  
E: mitja.soba@talum.si  
M: 00 386 40 742 825

