



WICONA®

By  Hydro

» SUSTAINABILITY MEETS SECURITY

H I G H - S E C U R I T Y S O L U T I O N S

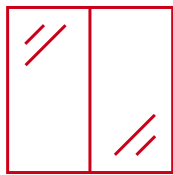
» Sustainability meets Security

WICONA and SOMMER are combining their expertise to offer sustainable aluminium solutions paired with innovative security concepts for the construction sector.

SUSTAINABLE
ALUMINIUM
SOLUTIONS

combined with

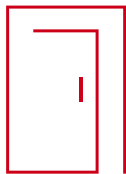
STATE-OF-THE-ART
BUILDING
SECURITY



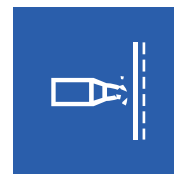
WINDOWS



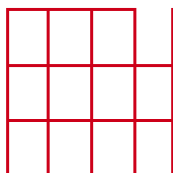
BURGLARY
PROTECTION



DOORS



BULLET
RESISTANCE



FAÇADES



BLAST
RESISTANCE

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 **SOMMER**

Plan for burglary protection up to resistance class RC6, bullet resistance up to FB7-NS, and effective blast resistance!

The cooperation between WICONA and SOMMER results in high-security building envelopes that offer burglary protection up to RC6, bullet resistance up to FB7-NS, and effective blast resistance. At the same time, the use of CO₂-reduced aluminium redefines sustainability. Architects, planners, and developers benefit from tailor-made security solutions that combine maximum protection standards with forward-looking environmental responsibility.



Tailor-made solutions for your requirements

The demands on modern building envelopes are becoming increasingly complex. Sustainability and security are key priorities. When buildings require the highest levels of protection, standard solutions are often not enough. The challenge is to find the ideal balance between legal requirements, individual specifications, and economic efficiency.

We support you in every project phase – from planning and implementation to long-term use. Cutting-edge building security meets sustainable aluminium systems. Our façade, window, and door systems offer maximum functionality, outstanding design, and environmental compatibility – tailored precisely to your project's needs.



This partnership sets new standards for sustainable construction with maximum security.

» Your benefits at a glance

Take advantage of our new capabilities

Maximum security for any requirement

- Burglary protection up to RC6
- Bullet resistance up to FB7
- Effective blast resistance

Sustainability without compromise

- Use of Hydro CIRCAL – up to 100% recycled end-of-life aluminium
- Durable, low-maintenance system components

Design freedom & flexibility

- Customisable façade, window, and door systems
- Maximum design freedom for sophisticated architecture
- Aesthetic solutions for high-security environments

Innovative technology & certified quality

- Decades of experience and expertise from WICONA & SOMMER
- Certified high-security solutions in accordance with international standards
- Technical and planning support from our experts

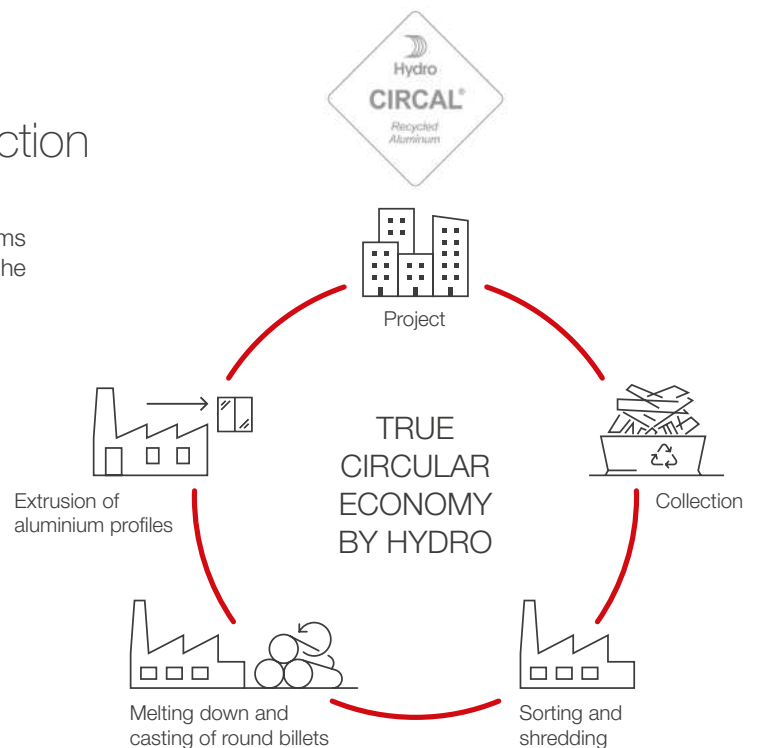
Efficient project execution

- Tailored security solutions for individual construction projects
- Fast and precise implementation by experienced partners
- Direct expert consultation for optimal results

Sustainability and circular construction

Sustainability and circularity go hand in hand. Our philosophy aims to use resources efficiently, minimise waste, and actively drive the decarbonisation of the construction industry.

- Efficient resource use and waste reduction through collection systems
- Reuse of end-of-life materials for environmental and project benefits (EU taxonomy, CSRD)
- Everything from a single source – demonstrable circular economy through aluminium scrap recovery
- Transparent documentation for responsible sourcing
- EPDs and digital product information for traceability and reporting



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