



**WORLD TECHNOLOGY
GROUP**



**PROTECTIVE STRUCTURES
AND FACILITIES WITH ENHANCED
BALLISTIC RESISTANCE**

WORLD TECHNOLOGY GROUP

Specializes in the design and delivery of protective structures and facilities with enhanced ballistic resistance, based on proprietary solutions developed by the academic staff of the Polish Military University of Technology.



Our solutions are fully compliant with the latest Polish legal requirements, including:

- ◆ The Regulation of 9 July 2025 on the conditions for the organization and requirements for temporary shelter facilities.
- ◆ The Regulation of 4 November 2025 on the technical requirements for protective structures and their operation.

The structures are delivered using an innovative technology based on a system of thin-walled, double-curved steel arches arranged in a honeycomb configuration. This unique design offers a high energy-absorption capacity, further enhanced by the addition of an external soil layer, providing even more effective ballistic and fragmentation protection.

The Company has established a strategic partnership with the Polish Military University of Technology, formalized through relevant agreements and a licensing contract granting exclusive rights for the commercial use of the developed technology.

The cooperation includes the development of thin-walled steel shell structures within the UBM120 and UBM240 systems. The license covers the commercialization of an innovative three-layer steel shell structure with a honeycomb configuration, dedicated to protective facilities.



DELIVERED PROJECTS

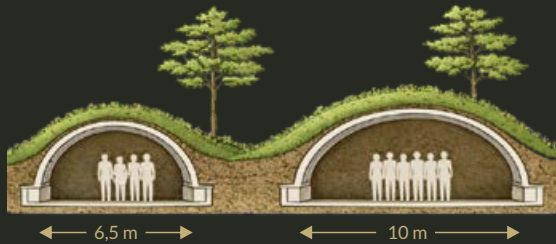
PROTECTIVE FACILITIES FOR THE CIVILIAN POPULATION:

The facilities listed below are available in configurations for civilian occupancy of up to 24 hours and for periods exceeding 24 hours.

*Shelters (Category U1, U2, U3) / Protective Shelters (Category S1, S2, S3)

- ♦ WTG U1-U3 / S1-S3 – 75 persons
- ♦ WTG U1-U3 / S1-S3 – 150 persons
- ♦ WTG U1-U3 / S1-S3 – 300 persons

*Freestanding Temporary Shelter Facilities



OTHER FACILITIES WITH ENHANCED BALLISTIC RESISTANCE

- ♦ Anti-Drone Facilities
- ♦ Garages and Storage Buildings
- ♦ Ammunition Storage Facilities
- ♦ Critical Infrastructure Facilities



TECHNOLOGY

The systems we use are derived from U.S. Army solutions and are currently employed by the Polish Armed Forces as part of the strategic “Eastern Shield” project.

The technology has undergone ballistic testing and has received positive evaluations from the Polish Armed Forces.

The tests included:

- ◆ the impact of external explosive charges,
- ◆ fire from an M120 Rak mortar,
- ◆ fire from an AHS Krab self-propelled howitzer.



The conducted tests confirmed the structure's high capacity to absorb or properly redirect the energy of an explosion. The assessment process also included an analysis of the effects of an explosion generating maximum overpressure of the blast wave impacting the ground surface, in accordance with the guidelines set out in the Regulation of the Minister of the Interior and Administration dated 4 November 2025.

To ensure the highest level of safety and quality of our solutions, our facilities have undergone rigorous destructive testing under training-ground conditions closely resembling real combat environments.



Key Technology Advantages:

- ◆ Very high ballistic and fragmentation resistance
- ◆ Rapid installation and cost optimization
- ◆ Effective impact energy absorption
- ◆ Resistance to blast overpressure up to 300 kPa

OTHER PRODUCTS

SELF-SUPPORTING ARCH HALLS

Our team offers a fast and cost-effective hall construction system based on self-supporting thin-walled steel structures. The halls are built using steel sheets with a thickness ranging from **0.8 mm to 1.5 mm**, coated with zinc or Aluzinc layers, as well as sheets available in various colors tailored to our clients' requirements.



STEEL FOUNDATIONS

Modern and rapid foundation technologies. High load-bearing capacity, minimal ground disturbance, installation without vibrations or spoil.

VIBRO-DRIVEN STEEL PILES

Fast and efficient driving of steel profiles. Low noise, no excavation spoil, with the possibility of recovery and reuse.



SCREW STEEL PILES

Foundations ready for loading immediately after installation. Vibration-free, clean site conditions, ideal for densely built-up areas.

WHY US?

Cooperation with WTG ensures:

- ◆ Full compliance with all legal requirements
- ◆ Timely delivery of protective infrastructure
- ◆ Investment based on proven and certified solutions





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