

BEYOND COMPOSITE

Innovative Solutions for Ballistic Protection

Drone Hull Manufacturing Capability

Development and customization of carbon fibre/epoxy composite hulls using advanced vacuum infusion technologies (VARTM/VAP) for uniform resin flow and minimal porosity.

AIR

www.beyondcomposite.com

Ballistic Solutions FOR UAVS



Expertise in **advanced composite structures** for drone applications.



Integrated engineering and production, from design to finished component.



Precision manufacturing and quality control ensuring consistency and reliability.



Use of **lightweight, high-strength materials** for superior performance.



Custom solutions adapted to each client's design and mission requirements.

BEYOND COMPOSITE

Innovative Solutions for Ballistic Protection

BeyondComposite's protection range includes Add-On Armor, Spall Liners and Finished Subsystems, tailored to each client's needs.

LAND

STANAG 4569

Level 1

CompactShield

Level 2-5

CompactShield+Ceramics | Steel

www.beyondcomposite.com



CompactShield vs Regular Steel Armour

LEVEL 1

ADD-ON ARMOR

Weight reduction up to

72%



LEVEL 2

ADD-ON ARMOR

Weight reduction up to

42%



LEVEL 3

ADD-ON ARMOR

Weight reduction up to

57%

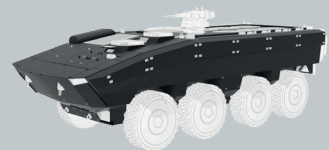


LEVEL 4

ADD-ON ARMOR

Weight reduction up to

62%

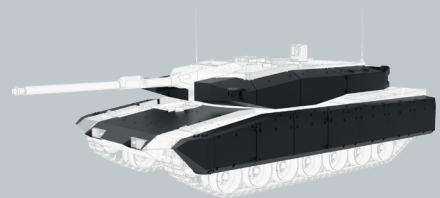


LEVEL 5

ADD-ON ARMOR

Weight reduction up to

42%



STANAG 4569
Protection

BEYOND COMPOSITE

DEFENSE

Innovative Solutions for Ballistic Protection

Cutting-edge and customized ballistic solutions combining advanced materials, nanotechnology, high performance reinforcement materials and innovative core structures offering improved protection and functionalities.

STANAG 4569

Level 1
CompactShield

Level 2 - 5
CompactShield+Ceramics | Steel

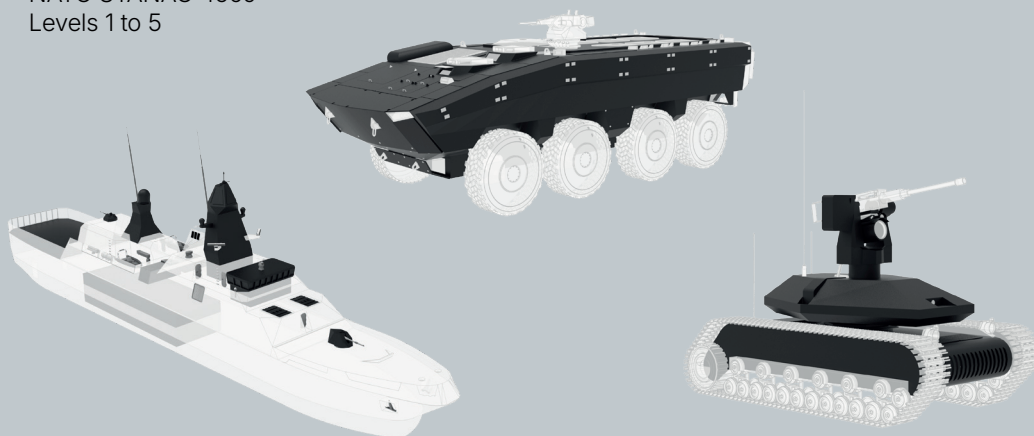
NIJ STANDARD

Levels IIIA - IV

www.beyondcomposite.com

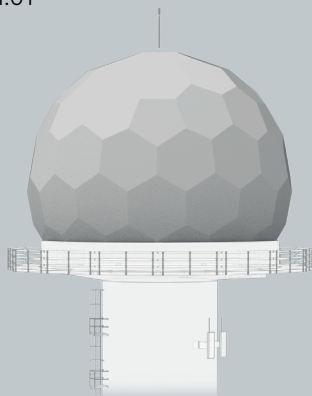
Ballistic Solutions FOR MOBILITY

NATO STANAG 4569
Levels 1 to 5



Ballistic Solutions FOR CONSTRUCTION

NIJ Standard 0101.01

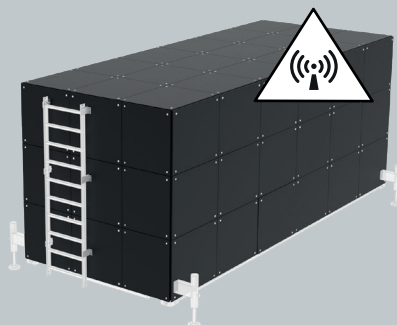


Radomes

Custom integrated radome solutions
Advanced RF-optimized composites
End-to-end concept-to-production development
High-precision finished manufacturing
RF testing in anechoic chambers

Containers

Customizable Appearance
Eletromagnetic field
IR signature reduced
Thermal insulation
Sound insolation



BEYOND COMPOSITE

PERSONAL PROTECTION

Innovative Solutions for Ballistic Protection

Lightweight CompactShield's solution line for your personal protection needs, preparing the soldier of the future.

NIJ STANDARD

Level IIIA - III
CompactShield

Level IV
CompactShield+ Ceramics

www.beyondcomposite.com

Ballistic Solutions FOR PERSONAL PROTECTION

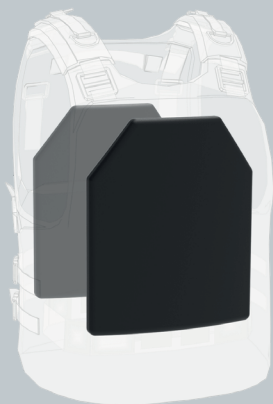


NIJ Standard
Levels II to IV



NIJ 0108.01 Level IIIA Helmets

Lightweight
Available ready to use with accessories
CNT-enhanced CompactShield
Developed for fire and flame resistance



NIJ 0101.06 Level III, IV Plates

Lightweight
Stand-alone
Ready for extreme conditions
Available in different sizes and cuts



NIJ 0101.06 Level III Shields

Lightweight
Ergonomic grip for fast deployment
Compatible with multiple accessories
Ready for tactical use