

## BATTLEJACKET®

### Protective Coating Technology for Fuel Tanks and Tankers

Ballistic damage to vehicle fuel tanks can cause catastrophic fires and explosions or immobilise vehicles due to fuel loss. BattleJacket® is an advanced spray-on protective polymer technology that immediately seals and heals a punctured fuel tank when pierced by a bullet or projectile, preventing fuel loss and explosion, providing the ultimate protection to mission critical assets.



**Self Sealing / Healing Technology**  
**BattleJacket® Coating System**



#### Features and benefits



##### FUEL LEAK PREVENTION

- Unique healing polymer technology automatically seals penetrations on impact



##### EASY TO APPLY

- Sprayed on like a paint and bonds strongly to all metallic and plastics surfaces
- CARC paint compatible



##### OIL POLLUTION PREVENTION

- Title 40 Section 112 compliant



##### ENHANCED ENVIRONMENTAL RESISTANCE

- Improved protection for the tank against temperature (-50°C to 150°C), corrosion, abrasion, and impact



##### INCREASED STRUCTURAL INTEGRITY

- High durability external coating withstanding high pressures up to 150 psi



**BattleJacket®** is a battle proven technology with nearly 20 years of service history in military applications. Developed for the US armed forces for the protection of land based vehicles against explosions and fires due to ballistic damage to fuel tanks and tankers, by High Impact Technology, LLC. This advanced polymer coating is a unique 3 layer spray on system that can be applied easily to complex geometries and can coat the surfaces of all fuel tank materials.

This unique, patented, fire protective urethane polymer coating has been so successful it's applications have been extended to protect other structures and products such as fuel cells, holding tanks, pipelines, railcars, with the list continuing to grow.

To find out more about our **BattleJacket®** solutions, scan the QR code. To speak to one of our experts call us on **+44 (0)1452 528282** or email [sales@permali.co.uk](mailto:sales@permali.co.uk)



EXTREME CONDITIONS



CLASSIC

Since 1937 Permali has been a sector leader in the manufacture, design, and qualification of composite and PU material solutions for the defence, aerospace, health, rail, automotive, and many other engineering sectors that require compliance with complex regulatory frameworks. Permali operate to a Quality Management System certified to ISO 9001 / AS9100 Rev D requirements.

**People trust Permali - Protection. Performance. Precision.**

Advanced material solutions delivered by experts

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