



Svalinn®

Dual Hardness Armour Systems

Medium to Heavy Gauge

- NATO STANAG AEP-55 Level 4
- VPAM PM14
- GOST R 50744-95 BR6



Skjoldride® TYR-ULTRA

**Protected Mobility Vehicle (PMV/ISF)
and Light Vehicle Armour Systems**

- STANAG 4569 Level KE1 to KE3
- VPAM PM8 to PM11



andvare® VI
DEFENCE INDUSTRIES



Thraex®

**Unique Thermal Camouflaging
and Radio Frequency Shielding Alloy**

- Can be applied direct to metallic substrate/fabric
- Unique thermal properties
- Highly effective in shielding 700MHz-5GHz signals



**Skjoldride® TYR-FR
and TYR-FLEX**

**Light Vehicle and ATV Lightweight
Modular Armour Systems**

- NIJ0101.07 HG2 to STANAG 4569 Level KE1
- STANAG 4569 AEP-55 Blast 1

Andvare VI Defence Industries specialises in the design, manufacture and supply of specialised alloys and armour solutions for defence platforms such as:

- Heavy-gauge Main Battle Tank (MBT) dual hardness armour systems.
- Armoured Fighting Vehicle (AFV) dual hardness armour systems.
- Up-armouring PMV, ISV and ATV light vehicle platforms.
- Man-portable blast, fragmentation and rifle rated ballistic panels.

Our core business is to enhance the survivability of the warfighter in the kinetic environment.

For more information on Andvare VI's unique products and capabilities please contact:

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Digital Version



Andvare VI Pty Ltd
Part of the Andvare Group of Companies
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Discriminators

Flexible, Modular Ballistic Panels

- Light weight (8kg-12kg/m²), flexible and man-portable anti-fragmentation ballistic panels (TYR-FR range) are unique to the Industry, providing blast and fragmentation protection against drone deployed munitions.
- TYR-Flex range of soft armour is next to thinnest and lightest in class with negligible back face deformation per rated threat.

Medium to Heavy Gauge

- Composite Skjoldride® (TYR-ULTRA) solutions for light vehicle and PMV armour to provide ballistic protection without wholesale panel and structural replacement (up to STANAG KE3).
- Unique, extreme resistance armour systems for both vehicles and personnel.
- Svalinn dual hardness armour system offers protection against high-velocity antimateriel rounds (0.50 AP, 14.5x114 BZ API) with significant weight reduction (2.3x Mass Efficiency v's RHA).
- Lightweight – less than 50% thickness required for similar stopping ability of standard hard armour.
- Able to be shaped and rolled.
- Multi-hit, close grouping - strike face won't fracture on impact.
- Fully weldable for easy infield/battle repairs.
- Ductile failure of rear face in the event of ballistic defeat eliminating backface spalling/shrapnel effect.
- Aluminium backed Skjoldride® range uniquely designed for fixed wing and rotary aircraft protection cells.



Products & Capabilities

- TYR-FR and TYR-Flex Flexible Armour Systems.
- Man-portable and concealable Flexible HG2 and Fragmentation Rated Armour Systems to NIJ 0101.07 HG2, VPAM PM5, STANAG 4569 Blast 1.
- Skjoldride® Multi Hardness & Hybrid Composite Armour for Light Vehicle & PMV Armour Solutions for lightly armoured vehicles requiring increased protection to STANAG 4569 KE1 to KE3 (M993), VPAM PM7 up to PM11 and STANAG 4569 Artillery 2.
- Svalinn® Dual Hardness Medium to Heavy Gauge Armour Solutions for front line Infantry Fighting Vehicles to NATO STANAG AEP-55 KE4, VPAM PM14, GOST R 50744-95 BR6.

Services

- Engineering, Design and Drafting
- Engineering Research and Development
- Heavy, Medium and Light Gauge Fabrication and Manufacture



Quality & Accreditations

- Engineered and designed beyond AS, BS and EN standards.
- STANAG 4569-AEP-55 testing compliant up to and including NSA Level IV.
- NIJ 0101.07 compliant, including multi hit HG1, HG2, RF1, RF2 and RF3 products.



Key Partnerships



H A D E S
DEFENSE SYSTEMS

THALES

babcock™



POLARIS
GOVERNMENT & DEFENSE

