



EXSEL DYTECNA
ENGINEERING

Personal Amphibious Armour

With proven capability in designing bespoke blast and ballistic protection solutions for customers in Defence, Government and Civilian Industry, Exsel Dytecna works closely with a number of partners to design, develop and deliver a variety of protection solutions.

Exsel Dytecna:
Protecting People,
Protecting Places.

Overview

The Exsel Dytecna Amphibious Armour Shield System (**CA²**) is a compact, lightweight and modular personal protection ballistic shield for amphibious use. Operators can conduct surface or subsurface insertions and can tactically deploy CA² for protection in the water.

CA² has been designed by divers for divers. The folding lightweight and buoyant shield delivers a new compact alternative that can be used proficiently in demanding operational conditions. With a carrying harness and removable section, **CA²** has been designed with ergonomics in mind offering the user greater opportunities for use and protection.

The shield's buoyancy enables surface or subsurface swimming whilst having the shield tactically deployed for protection. The harness has a "back-pack" strap that offers ease of use whilst manoeuvring during fast roping or climbing insertions and is complemented by the lightweight design. The folding sections also enhance ease of movement whilst approaching confined spaces such as windows or ship bulkhead doors.

The quick release "one-pull" system allows for the shield to be quickly removed when being carried on the divers back.





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Key Features

Protection Level – a range of recognized standards or bespoke protection solutions can be provided dependent upon threat.

Compact – folding design enables easy stowage & carriage and enables ease of movement through confined spaces such as bulkhead doors.

Lightweight – enables use of various primary weapons and secondary devices, it can be easily carried over long distances for tactical movement and insertions.

Buoyant – designed for amphibious use. Operators can conduct surface or subsurface insertion. **CA²** can be either worn or floated alongside whilst swimming.

Ergonomic – delivers maximum comfort and efficiency. Carried on one arm ascending/descending ladders. Hands free operations to conduct normal weapons stoppage drills and reload. Incorporates carrying harness for fast roping and climbing insertions with quick release system for diving. Designed to allow freedom of movement whilst carrying on back with ballistic helmet.

MOLLE-compatible – provided with integrated PALS (Pouch Attachment Ladder System) webbing for modular accessory attachment.

In Service – Dytecna has delivered a number of similar products to specialist user groups around the world.



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