

Modular Ballistic Protection System

CAPABILITY SHEET - PASSIVE MODULAR BALLISTIC PROTECTION - ENGINEERED TO ORDER

THE SYSTEM

WHAT	A modular ballistic protection system - passive armour panels and protected enclosures that defeat a defined threat and are proof-tested to a standard.
OUR ROLE	The ballistic material (steel, ceramic, UHMWPE, aramid) is bought-in to a ballistic grade; Neometrix engineers the panel, mount, enclosure and integration.
STATUS	Engineered to order; sized to the threat, the platform and the standard. No specific delivered protection system is claimed on this sheet.

PROTECTION

LEVELS	Rated to a standard and level - STANAG 4569 (KE L1-6), NIJ 0108.01 (to IV), EN 1522/1523 (FB) and IS 17051; multi-hit, low back-face signature.
MATERIALS	A hard strike face (ceramic or armour steel) breaks up the threat; a UHMWPE/aramid backing catches the remnant; a spall liner traps the fragments.
MULTI-HIT	Rated for more than one strike, with a low back-face signature - the deformation behind the armour that injures - proven, not assumed.

MODULAR

APPLIQUE	Built as bolt-on applique panels on an engineered frame and stand-off - protection added to a platform without redesigning it.
FORMATS	Vehicle armour kits, protected ISO containers and shelters, crew cabins, and fixed and point protection - one architecture, many formats.
FIELD-REPLACE	A struck panel is unbolted and swapped rather than the platform being lost; protection scales with the threat and the weight budget.

PROVEN & HONEST

PROOF-TESTED	Proof of protection is by independent ballistic proof-test to the cited standard at an accredited range - witnessed and documented, not asserted here.
BOUGHT-IN	We are clear on the split: the armour material is specialist bought-in and proof-tested; the system, structure and integration are our engineering.
ENGAGEMENT	Send the threat, the platform and the standard to sales@neometrixgroup.com for a clause-by-clause compliance matrix in two working days.

DEFENCE PROGRAMMES DESK

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