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Protection Levels Explained

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Ballistic Testing to NIJ Standard 0101.06



The tests are designed to test armour in a “used” state to mimic the punishment that a user will put the armour through prior to it being shot. This punishment is different for soft armour panels and hard armour plates, prior to being shot each set of armour is subjected to the following:

Soft Armour Panels – Armour placed into a rotating drum with 4 paddles and beaten for 10 days which rotates the drum 72000 times. The armour is then soaked in water for 30 minutes and shot after 10 minutes drying time.

Hard Armour Plates – Plates are stored for 10 days at 65°C with 80% Humidity before being dropped twice from 1.22m onto concrete. Each plate is then soaked in water for 30 minutes and shot after 10 minutes drying time.

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