



YOUR
ENTRY
EXPERTS.

PROTECTION PACKAGES.

THE LEVEL OF PROTECTION YOU REQUIRE, TRIED AND TESTED

Where protection is of utmost importance, high-security solutions need to be implemented. In high-risk areas of the workplace, there is a need for international standards and rigorous testing of products. Depending on the level and type of protection required will ascertain the correct protection package for your high security product.



OVERVIEW

There is a selection of protection packages offered:

- Vandal resistant
- Manual attack (burglary) resistance and
- Ballistics resistance

Each package goes through international certifications and a process to manufacture the safest, most secure entry solution.

SELECT THE RIGHT HIGH RESISTANCE

Used within government buildings, military bases and high-end businesses, the decision to implement a product that completely safeguards a building has increasingly become more common in a variety of locations from embassies, casinos to police headquarters. There is a selection of packages that protect against different types and levels of threat: vandal and burglary attacks or shooting. Each package is subject to continuous tests conforming to certain standards and grading systems that mimic real-life events.

THE TESTING PROCESS

Burglary Resistance Packages

Designed for the protection against manual tool attacks, the burglary resistant package goes through multiple tests to prevent burglary attacks. To examine the strength of the whole door which includes, locks, glass and frames, the most vulnerable areas of the door are subject to multiple attacks using hand-held tools for a set time. Additionally, the test object is subject to a Static Force test to determine the locking capability in

an objective and reproducible way. A dynamic test with a falling weight is also applied to simulate the impact of a brutal attempt to kick or tamper with the door. The purpose of these tests is to ensure there are zero weak points in the total construction of the door.

Two further tests (concerning the glass) include a Drop test and an Axe test. The Drop test comprises of a series of weighted balls being dropped multiple times on a triangle of glass from a height. Depending on the protection level, an Axe test certification is earned after more than 30 blows have been administered to the glass without breakage. The purpose of these tests is to ensure that heavy blows do not penetrate through the glass.

Glass : P5A (EN356) / UL3
Construction : RC3 (EN1627)

Ballistics Resistance Packages

Manufactured for the protection against bullets, the ballistics resistant package goes through a repetitive tests to safeguard property and employees from gun attacks. This package also provides testing for both the glazing and the entire door set, including the side walls. Rules can be certified for a range of gun types which run as individual tests. The tests are carried out by shooting three identical bullets 120 mm apart from one another with certification only being granted if all three fail to penetrate the glass.

A second (visual) assessment focusses on the remaining integrity of the glass itself. The non-spalling glass specifications must be such as to avoid injury caused from any glass fragments.

Glass : BR4NS (EN1063) / UL3
Construction : FB4 (EN1522)

KEY BENEFITS

- ✓ Peace of mind in the event of an attack from burglars or with firearms

SHOW ME, DON'T TELL ME

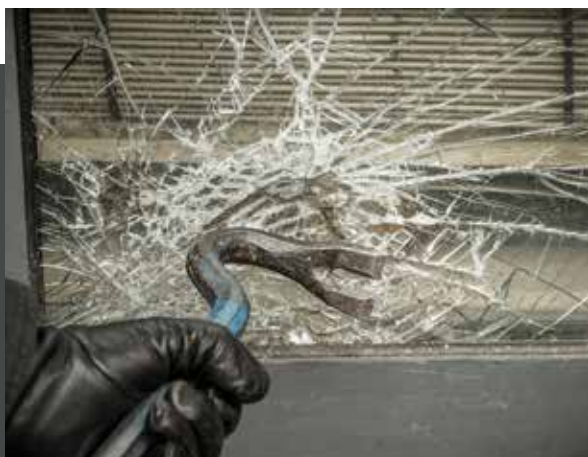
We call out each section of the door that is reinforced and to what level.



- 1/2. Bullet-resistant (BR4NS / UL3) with the ability to stop .44 magnum bullets.
And/or burglar-resistant (RC3 / EN1627) (P5A / EN356).
Optional protective foils to avoid scratching of non-spalling glass.
- 3/4. Door frame, end and side posts of door and portal reinforced with steel-plate lining / cladding to comply with RC3 (EN1627) and/or FB4 (EN1522).

COMPATIBLE PRODUCTS

- ✓ Tourlock 120 and Tourlock 180
- ✓ Circlelock Solo and Circlelock Combi
- ✓ Tourniket
- ✓ Tournex
- ✓ Twintour



OUR REACH IS **GLOBAL.**

We have been in business for more than 140 years manufacturing premium aesthetic and security entrance solutions in the Netherlands, United States of America and China. We can confidently say that we cover every corner of the globe with subsidiary companies in major cities across the globe. Furthermore our global export division not only partner with our distributors, but also offer direct sales and service to every territory. This wide net allows us to have a strong global footprint as well as a personal grasp of local markets and their unique entry requirements.

To find your closest Boon Edam expert, please go to:
www.boonedam.com/contact