

## Burglar Resistant Construction Products

*This European standard specifies performance requirements for burglar resistant characteristics of pedestrian door sets, windows, curtain walling, grills and shutters.*

The standard is designed to measure the security level of basically anything that is put into a 'hole in a wall'. It has 6 classes of security which are intended to address the levels of attack associated with the casual/ opportunist to the experienced/ professional burglar.

There are 3 test methods; Static Loading (prEN 1628), Dynamic Loading (prEN 1629) and Manual Burglary Attempts (prEN1630). There is also a minimum requirement for hardware to EN 12209 – Locking Devices, EN 1303 – Cylinders for Locks and EN 1906 Furniture.

It is currently generally accepted that security class 3 will be required for commercial applications, should this occur a door will have to withstand 6kN static load perpendicular to its face at the locking point and corners of infilling, a 50kg impactor dropped from 750mm and 20 minutes total attack time with specified tools. Locks fitted should achieve security grade 4 to EN 12209, cylinders achieve key related security grade 4 and attack resistance grade 1 and furniture achieve security grade 3.

This standard is currently in the final stages of development.

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