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Manufacturers and Installers of Energy Rated Windows

PAS24:2012

What is PAS24, and why should it be important to you:

If you're looking to purchase high quality doors and windows for your home, you need to ensure the products your choosing are PAS24 accredited.

Security testing can be conducted on all types and configurations of doors and windows, Including sliding sash windows and double doors.

The driving force in the UK for security testing (PAS24) is Secured By Design (SBD). This is the UK police initiative supporting the principles of designing out crime by the use of effective crime prevention and security standards for a range of applications.

Research shows that SDB significantly reduces burglary. It supports one of the governments key planning objectives- the creation of secure quality places where people wish to live.

PAS24 windows and doors are tested in 2 ways, using forces typically applied by an intruder using implements such as crow bars-screw drivers-claw hammers and any other implement they wish to use. Known as manual attack test.

The other part of the PAS24 test is Mechanical Load Testing. This where all the locking points - hinges - hinge guards - handles - door cylinders - Gear boxes and any other hardware fixed on the window or door are put under pressure greater than any burglar could possibly apply, this is done by means of direct pneumatic pressure testing, directly on the hardware points.

The pressure is such that the door and window profiles begin to distort and twist putting immense pressure and stress on the hardware being used in the products being tested.

There is also Hard and soft body impact testing.

*Videos showing our products under going **PAS24** testing can be seen on our You Tube channel.*

*I hope the **PAS24** standard makes more sense to you now, and the importance as to why it should be a consideration when choosing new windows and doors.*

*If you need any advice on any of our products regarding **PAS24** please give us a call or email us.*