

**EN 166 Safety Eyewear**

The standard specifies the test criteria for different levels of eye protection. For our purposes there are two different classifications, F and B.

The test is to withstand an impact from a steel ball 0.6mm in diameter and weighing a minimum of 0.86 grams. The different test levels simply involve different speeds at which the ball is fired.

Specification F (low level protection) is tested at an impact speed of 45 to 46.5 m/sec.

Specification B (medium level) is tested at an impact speed of 120 to 123 m/sec.

Spec F is the normal spectacle-like eyeshield.

Spec B is the full goggle-like eyeshield.

A higher specification A, is quoted, but this is a full face shield

We have determined that spec F is suitable for Impulse and Pulsa tools, and spec B is suitable for PAT tools.

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