



FOOTWEAR STANDARD

EN 13634: PROTECTIVE FOOTWEAR FOR PROFESSIONAL MOTORCYCLE RIDERS - REQUIREMENTS AND TEST METHODS

Based on the wealth of available industrial footwear standards to draw from, EN 13634 provides an adaptation suitable to the demands motorcyclists place on their footwear. There is a minimum height requirement of 160 mm, measured inside the boot from the footbed up the rear of the boot to its topmost edge.

The strength of the bond between the sole and the upper is tested, the thickness and cleat height (depth of “tread”) of the sole must both be above prescribed minima and its resistance to abrasion is tested. The sole is also required to demonstrate a minimum specified level of inherent rigidity - too soft a sole could collapse in an accident and increase the risk of severe foot injuries, which a more rigid sole might help to prevent.

The uppers of the footwear are subjected to the impact abrasion test described in EN 13595 Part 2, although the impact cut test follows a different method to that used for garments. The water absorption and desorption characteristics of the material worn closest to the wearer is also assessed.

Optional requirements include testing of impact protection which may be fitted to the ankle and shin, water resistance and fuel oil resistance of the outsole.