

Standard update on knee protection for work in a kneeling position

Update to EN 14404:2024

The previous standard EN 14404:2004+A1:2010 (Personal protective equipment – Knee protection for work in a kneeling position) will be replaced by the new series of standards EN 14404 Part 1 to Part 6. This update affects all manufacturers of knee protection products and brings with it significant improvements and specific requirements. A transition period from the old to the new standard is granted until November 30, 2024, during which it is possible to apply for an EU type approval certificate according to the version EN 14404:2004+A1:2010. From 01.12.2024, EU type examination is only possible by applying for the 2024 standard version.

We recommend all our clients to make the transition to the 2024 standard as soon as possible since it represents the current technical state of the art.

HERE IS AN OVERVIEW OF THE MOST IMPORTANT CHANGES:

- In contrast to the 2004+A1:2010 edition, in which all types were combined, the requirements for types 1, 2, 3 and 4 are now separated into the different parts of the new standard.
- New protection zones and specific protection sizes have now been introduced. One size fits all („UNISIZE“) is no longer accepted.

- A new performance level and uneven surface have been added. Level 1 protectors can now be declared as Level 1U if the protectors proved a protection against penetration at a force of at least 100 N and a force distribution less than 30 N when tested on uneven surface.
- Introduction of fully compatible knee pads and clothing in accordance with EN 14404-4 (interoperable knee protectors)
- New bending test for interoperable knee pads.
- Protectors and garments must comply with the innocuousness requirements of EN ISO 13688:2013, section 4.2.

Information on the product's marking and user manual has been updated and more details have been added.

- Part 1: Test methods
- Part 2: Requirements for wearable knee protectors (type 1)
- Part 3: Requirements for the individual combination of knee pads and garments (type 2)
- Part 4: Requirements for the combination of interoperable knee pads and garments (type 3)
- Part 5: Requirements for knee mats (type 3)
- Part 6: Requirements for kneeling systems (type 4)



TÜV Rheinland will continue to test according to the old EN 14404:2004+A1:2010 standard up to and including 30 November 2024.

From 1 December 2024, knee protection will be tested and certified exclusively in accordance with the new EN 14404 series of standards, parts 1 to 6.

Do you have any questions or would you like a quote?
Please feel free to contact us!

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