

Workplace Instruction –
Personal Protective Equipment



Use of Safety Shoes

Guidance for company instruction

When is it necessary to wear safety shoes?

Facts

Not wearing safety shoes when performing hazardous work increases the risk of injuries and their severity. Modern safety shoes combine function and form to pro-

vide a high level of comfort. In work areas in which foot injuries are likely to occur, workers must wear the safety shoes provided by the company.

What are the risks?

Not using safety shoes increases the risk of the following types of injuries:

- **Contusions**
- **Sprained and torn ligaments** are often characterized by long-term and severe courses of disease

- **Bone fractures** Often with remaining complaints and functional restrictions.
- **Load on the muscular and skeletal system** Inappropriate footwear causes strain on the spine and joints.



Labeling of areas in which safety shoes protection must be used.

Which activities require the use of safety shoes?

For example:

- Transport of goods with pedestrian controlled trucks
- Working with forklift trucks
- Maintenance works
- Handling of heavy loads, for example heavy machine parts, tools, barrels, pallets
- Demolition works
- Installation works
- Pipeline construction
- Transport of fabric batches



Do not wear unsuitable footwear when performing hazardous activities.



Safety shoes protect against foot injuries and also stabilize the foot.



Which functional requirements do safety shoes fulfil?

In working areas in which foot injuries are likely to occur, it is necessary to wear suitable safety shoes. In most areas of industry, safety shoes with the classification S1 or, on construction sites, those with the classification S3 are well established.

Safety shoes with the S1 classification meet the following requirements, among others:

- Protection against falling objects, bumping and clamping of the forefoot due to the protective toe cap made of steel
- Protection against slipping and falling due to the slip-resistant sole
- Protection against strain on the spine and joints due to the impact-absorbing or shock-absorbing heel
- Stability of the foot due to a molded footbed
- Reduction of static charges due to anti-static material

Safety shoes with the classification S3 provide, in addition to the properties described for S1 shoes, a puncture-resistant and profiled sole and a certain resistance to moisture and wetness.

Tip

Do not take any risk and use the provided safety shoes!



Longitudinal section of a safety shoe: The shoe provides protection against bumping and clamping of the forefoot due to the metal toe cap.

Replace safety shoes on time

Safety shoes must always be replaced if they are no longer in a proper condition. This is the case, for example, when the profile of the sole is worn, the toe caps are showing or the

upper seams are damaged. A timely replacement is particularly important for orthopedically adapted footwear, as its application or manufacture is time-consuming.