

Workplace Instruction –  
Personal Protective Equipment



## Use of safety shoes

Guidance for safety briefing

# When are safety shoes necessary?

## Facts

Not wearing safety shoes when doing hazardous work increases the risk of accidents and the severity of injuries. Modern safety shoes combine function and form and provide

a high level of comfort. For working areas in which foot injuries are likely to happen the employer must provide safety shoes and employees must use them.

## What are the risks?

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

- **Crushes**
- **Stretched and torn ligaments**

The process of healing often takes a long time.

- **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.



Marking of areas with the obligation to wear safety footwear.

## Work activities that require wearing safety shoes

- Transport of goods with pedestrian 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 inappropriate footwear when doing hazardous work.



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



# Which functional requirements do safety shoes fulfil?

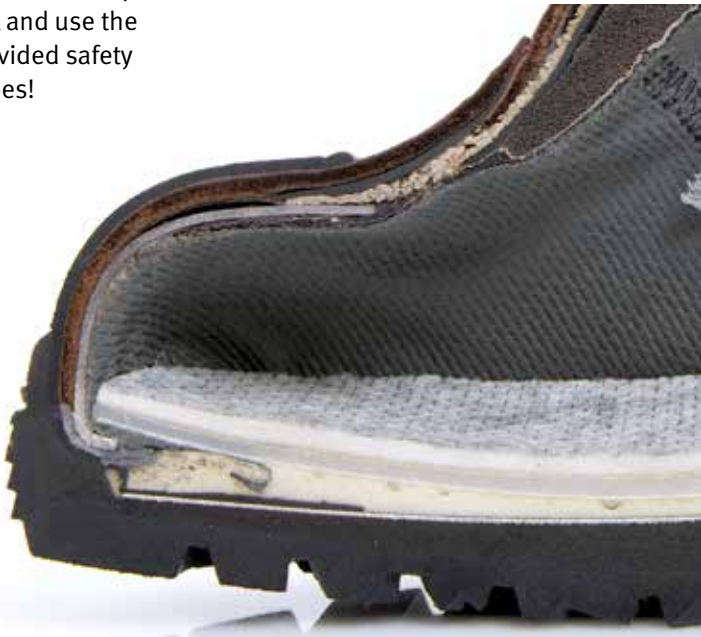
In working areas that might endanger foot injuries, appropriate safety shoes must be worn. In most sectors of industry S1 safety shoes have proved reliable foot protection. At construction sites S3 safety shoes will be necessary.

- S1 protection class safety shoes meet the following requirements:
- Due to steel toe caps: Protection against falling objects, bumping and clamping of the forefoot.
  - Due to slip-resistant properties: Protection against slipping and falling.
  - Due to damper support and shock absorption: Protection of spine and joint.
  - Due to a moulded footbed: Stability of the foot.
  - Due to antistatic material: Reduction of static charges.

Type S3 safety shoes provide, in addition to the properties described for S1 shoes, a puncture-resistant and profiled sole with a certain degree of wetness resistance.

## Tip

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



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

# Renew safety shoes on time

In principle safety shoes must be renewed if they are no longer in proper/safe condition, for example worn-down soles, visible metal toe caps or damaged seams. Particularly

orthopedic shoes must be renewed in time as the application and production are time-consuming.

Longitudinal section of a safety shoe: AK-DigiArt/AdobeStock-44845992

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