

Construction sites are full of hazards that can cause serious foot injuries from falling objects, sharp debris, punctures, slips, and electrical risks. OSHA requires employers to ensure workers wear protective footwear in areas where there is danger of foot injures.

#### **Common foot hazards on construction sites**

- Falling or rolling objects (tools, materials, equipment)
- Punctures from nails, rebar, or sharp debris
- Slips, trips, and falls on uneven or wet surfaces
- Electrical hazards from live wires or energized equipment
- Chemical spills or corrosive materials
- Extreme temperatures (hot asphalt, cold weather)

## **Protective footwear types**

Туре	Use case	
Steel-toe boots	Protection from falling or rolling objects; general construction use	
Composite-toe boots	Similar to steel-toe but lighter and non-metallic; ideal for electrical hazard areas	
Puncture-resistant soles	Protection from nails, rebar, or sharp debris on the ground	
Slip-resistant soles	Work on wet, oily, or uneven surfaces to prevent slips and falls	
Metatarsal guards	Extra protection for the top of the foot from heavy falling objects	
Electrical hazard (EH) rated	Insulated soles to protect against electrical shock	
Chemical-resistant boots	Protection from corrosive or hazardous liquids (e.g. concrete, solvents)	
Insulated or waterproof boots	Cold weather or wet conditions to maintain comfort and prevent frostbite or trench foot	

### **Best practices**

- Inspect boots daily and check for cracks, worn soles, or exposed steel toes
- Replace damaged footwear and don't tape or patch safety boots
- · Lace boots properly to prevent tripping and getting the laces caught in equipment
- Keep boots clean and dry as wet boots can lead to slips and infections
- Choose the right footwear for the task



# Foot protection on the jobsite

## **Discussion questions**

- What hazards on our site today could injure your feet?
- Are you wearing the right boots for the job?
- Do you know how to check if your boots meet ASTM standards?

## Key takeaways

Your feet carry you through every task so protect them with the right footwear. One injury can set you back for weeks.

OSHA Standard Reference: 29 CFR 1926.96 - Foot Protection Related Standard: 29 CFR 1910.136 - Occupational Foot Protection

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# Foot protection on the jobsite

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