

# T-WALL TOP EH B1610C EH

## FORTREX RANGE

Sizes: 5 - 14

**ASTM F2413-18  
M/I/C  
EH PR**

### ASTM F2413-18 USA STANDARD

M= man  
I = impact resistance  
C = compression resistance  
EH = Electrical Hazard  
PR= puncture resistant

#### UPPER

Water-resistant Waxy Leather

#### LINING

SmellStop antiodor and antibacterial\*

#### FOOTBED

Insulating Dry'n Air Omnia

#### MIDSOLE

Fortrex System

#### TOECAP

SlimCap

#### SOLE

Double-density AirTech PU/HRO Rubber



### 1 FORTREX SYSTEM

- **Shield effect** in the back of the shoe, **shock absorption**, **heel** and **ankle area support** and **snug fit**.
- **Puncture resistance** according to the American Standard:
  - applied force 1200 N (270 lbf)
  - 3mm (0.118 inch) truncated cone nail
- **Cushioning effect** that ensures the energy absorption and comfort.

TEST	ASTM F2412-18a F2413-18	
	RESULT	REQUIREMENT
Impact resistance	13,4 mm (0,529 inch)	≥ 12,7 mm (0,500 inch)
Compression resistance	21,2 mm (0,836 inch)	≥ 12,7 mm (0,500 inch)
Electrical Hazard (leakage current with applied voltage of 18 KV for 1 minute)	0,14 mA	≤ 1 mA
Puncture Resistant Footwear	pass	The Test Pin, a 4.5 mm (0.177 inch) diameter nail, does not visually penetrate beyond the surface of the material closest to the foot after an applied force of 1200 N (270 lbf)

### 2 DOUBLE-DENSITY PU/RUBBER INSULATING SOLE.

The footwear is able to withstand the application of 18,000 V for 1 minute with a leakage current that must be ≤ 1.0 milliamperes (mA) in dry conditions. Outcome: 0,14 mA

### 3 WIDE TOE CAP

for the shoe's toe protection.

### 4 LADDER GRIP

to improve traction and stability while working on ladder.

\*SmellStop: Treatment made with biocide Zinc pyrithione (CAS-No. 13463-41-7) product type PT 09 who counteracts the deposit of microorganisms on the surface of materials.

