



**safetoe®**  
TOP QUALITY SINCE 1984

Top Quality  
Creative Design  
Amazing Comfort



*Keep Worker in Safe!*

## LMZ9051088 TimberGuard CS Pro

### Chainsaw Work Boots (Class 1)

Upper : Full Grain Smooth Cow Leather

Lining : BactiVoid™ Breathable Sandwich Mesh

Inner: Chainsaw Protection Fabric (20m/s)

Insole : Super Memory Foam Insoles

Outsole : QuantumHold™ PU/Nitrile Rubber

Toecap : VortiGuard™ Steel Toecap

Penetration : VortiGuard™ Kevlar Midsole Plate

Size : EU 37-47#, UK 3-13#, US4-14#

CE EN ISO 20345:2022 S3 SR & CE EN ISO 17249:2013 Class 1

ASTM E 2149-2020 Approved Anti-bacteria Lining & Insole (Odor Resistant)

Application : Forest Work, Carpentry, Wood-Cutting, Wood-worker, Logger Worker, Chainsaw Worker etc



200 JOULE  
TOECAP



SLIP-  
RESISTANT



SHOCK  
ABSORPTION



ANTI-STATIC



ANTI-NAIL  
MIDSOLE



PETROL AND  
CHEMICAL  
RESISTANT



WATER  
RESISTANT

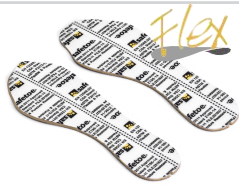


OIL  
RESISTANT



#### VortiGuard™ Steel Toecap Protection

Stainless Steel Toecap is heavy duty and corrosion resistant. The impact resistance can reach 200 joules from falling or rolling objects. The compression resistance can reach 15kN.



#### VortiGuard™ Kevlar Plate Protection

Kevlar midsole plate is flexible and non-metallic. The penetration resistance can reach 1100 newtons from nail or other sharp objects. The flex resistance can reach to  $1 \times 10^6$  flexion cycles without visible cracking.



#### LeatherQua™ Cow Leather Upper

High quality full grain smooth cow leather with thickness 1.6-1.8mm. It is treated with water resistant coating to keep feet dry from raining workday. The tear strength of upper leather can reach to 120 Newtons.

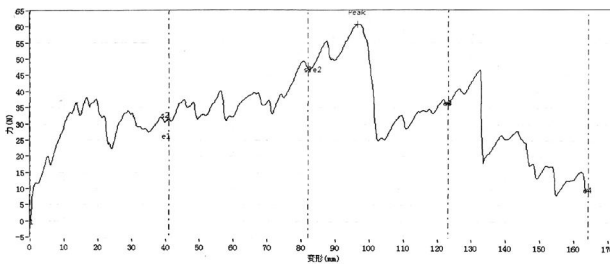


#### QuantumHold™ PU/Rubber Outsole

PU/Rubber outsoles are manufactured with Germany Fully Automatic Injection Technology. The midsole is  $45 \pm 5$  degree hardness PU, which is soft and shock absorption. The outsole is natural rubber with 5%-10% nitrile, which is abrasion resistant, slip resistant, chemical resistant and heat resistant.

## Sole Bonding Strength Test

- EN ISO 20345:2022, 5.3 (Between Upper & Sole)
- Average Test Result  $5.8 \pm 5$  (N/mm)



### Upper, Lining & Bonding Strength Test Result

Leather Tear Strength $\geq$	120.0 Newtons
Leather Tensile Properties $\geq$	15.0 N/mm <sup>2</sup>
Lining Tear Strength $\geq$	15.0 N/mm
Bonding Strength $\geq$	4.0 N/mm

✓ Protection With Slip Resistant (SR)	Result
Test Requirement : Forward Heel Slip $\geq 0.31$ ( Test methordL ISO 13287:2019) Backward Forepart Slip $\geq 0.36$ ( Test methordL ISO 13287:2019)	PASS
Standards : EN ISO 20345:2022(5.3.5) , Test floor: Ceramic tile, Lubricant: Sodium lauryl sulphate	
✓ Protection With Anti-Static	Result
Test Requirement : Anti-static 100K $\Omega$ -1000M $\Omega$ , Test Voltage: 100 $\pm 2$ V DC, Test Period: 1 Minute	PASS
Standards : EN ISO 20345:2022 (6.2.2.2) Dry Humility (30 $\pm 5$ ) & Wet Humility (85 $\pm 5$ )	
✓ Protection Resistant to Fuel Oil (FO)	Result
Test Requirement : Change in Volume and Change in Hardness (Outsole) is No More Than +12%(*)	PASS
Standards : EN ISO 20345:2022 (6.4.2)	
SAFETOE Standard Package Instruction (Average 42# for Reference)	
Shoes Weight : 1.4-1.5 KGS /Pair	Carton Weight : 15-16 KGS /Carton
1 Pair / Color Box , Dimensions : 32 $\times$ 30 $\times$ 12CM	10 Pair / Carton , Dimensions : 62 $\times$ 61 $\times$ 33CM



### User Instructions:

- 1.) RECOMMENDED TO USE : Forest Work, Carpentry, Wood-Cutting, Wood-worker, Logger Worker, Chainsaw Worker etc.
- 2.) LIMITATION TO USE: It is very important that footwear selected must be suitable for the right workplaces. The protection against risks or hazards which are not mentioned in this document is not warranted.
- 3.) FITTING & SIZE: All footwear are marked with standard size on tongue label. Some are with different size comparison, such as EU size, UK size, US size etc. Please wear footwear in a suitable size.

Footwear which are too loose or too tight may not provide optimum level of protection.

4.) STORAGE: Keep the footwear in its original packaging, under ordinary temperature, non-humidity conditions and in clean, covered and ventilated premises.

5.) CLEANING: Clean footwear regularly by high quality cleaning treatments recommended as suitable for the purpose. Don't use caustic or corrosive cleaning agents.