# 

MAEKS



The human foot is an amazing piece of engineering consisting of 20 muscles, 28 bones and 33 joints all with unique functions. The foot performs a number of complex and opposing functions during each step. After heel strike the foot needs flexibility to adapt to uneven terrain and attenuate loading forces, while during push off the foot needs to transform to generate and efficiently transmit power to the ground.

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ANATOMICAL

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The performance requirements of the foot and ankle are the foundation of our design process. Workplace specific requirements and design features to minimise injuries are overlaid with the performance demands of the foot and ankle. This unique design philosophy is epitomised in our **SYST-M**<sup>®</sup> stamp.

Jos Ille

Dr Caleb Wegener PhD (Biomechanics), B App Sc (Pod) Hons FOOTWEAR RESEARCH & INNOVATION



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# MISSION STATEMENT

MACK aims to look after the foot, lower limb, and the world around us. Through a continuous process of research, innovation and refinement, we produce occupational footwear that is designed to move and perform with the body.

This not only ensures that our footwear is the most functional possible, but that it also considers the social and environmental factors contributing to a sustainable future.





# SUPPORTING RESEARCH EXCELLENCE

MACK is committed to helping improve the health and wellbeing of workers by developing innovative footwear that moves with the body.

To reward excellence in health research, MACK has established an award at the University of Sydney: Faculty of Health Science to acknowledge the exciting work undertaken by emerging health researchers.





# **PERFORMANCE** SYSTEMS

### SYST-M®

The performance requirements of the foot and ankle are the foundation of our design process. Workplace specific requirements and design features to minimise injuries are overlaid with the performance demands of the foot and ankle. This unique design philosophy is epitomised in our SYST-M<sup>®</sup> stamp.

<b>M-</b> WRAP <sup>™</sup>	Medial wrapped midsole design provides rearfoot stability for those that need it. Particularly important for people with flat feet and those that wear orthotics or arch supports.	and the second s
ADAPT™	Sole unit technology designed to maximise adaption to uneven terrain and reduce injury risks.	
<b>Hydro</b> dynamic™	Sole shape and tread pattern engineered to optimise fluid dispersion beneath the foot to minimise slips.	
<i>articulated</i> <b>FIT</b> <sup>™</sup>	Upper design system to allow the natural movement of the foot and ankle from heel strike to toe-off.	THE
asym <b>BEVEL</b> ™	Heel shaped to match the natural heel strike position during walking to maximise contact area and provide a smooth ride.	
Ortholite	Breathable memory foam insole that moulds to the foot providing a customised fit and helping to reduce in-shoe friction.	C 21/2/0

<u>soft</u> board™	Constructed on cushioned foam insole board for a smooth ride.	
<i>decouple</i> GROOVE <sup>™</sup>	Flex groove along the length of the sole to provide flexibility to allow a smooth transition from initial contact to foot flat and improve terrain adaption.	
radiator <b>TECH</b> ™	Manufacturing technique used to improve the breathability of leather and lining materials.	
<b>endure</b> lon <sup>™</sup>	Specifically compounded phylon midsole to improve cushioning rebound characteristics and durability.	
cuboid <b>NOTCH</b> ™	Sole design feature to provide support on the lateral side, particularly when used with foot orthotics.	
exoSHIELD	External TPU welded overlay to be seam free and provide support and durability.	CETTING
WIDEcap	Wide anatomical shaped toecap to reduce rubbing and nerve impingement.	



# **SAFETY SYSTEMS**

<b>STEEL</b> Toecap	Complies with Australian/New Zealand (AS/NZS 2210.3), European (EN-ISO 20345) and American standards (ASTM F2413-11).	
<b>COMPOSITE</b> Toecap	Lightweight, metal-free, nonconductive, insulating and airport friendly safety toecap that complies with Australian/New Zealand (AS/NZS 2210.3), European (EN-ISO 20345) and American standards (ASTM F2413-11).	and the second sec
150°cHeatResistant	TPU sole that is hard wearing and highly resistant to hydrolysis, microbial attack, oils, acids and organic fats.	
<b>300°cHeatResistant</b>	Nitrile rubber sole that is hard wearing and resistant to extreme heat.	
slip <b>RESIST</b> -A	Sole slip resistant to soap (SLS) on ceramic tiles.	
<i>slip</i> RESIST-B	Sole slip resistant to glycerol on steel plate.	
slip <b>RESIST-</b> C	Sole slip resistant to soap (SLS) on ceramic tiles and glyceryl on steel plate.	
fueloi/RESIST	Sole resists breakdown to fuel oil.	
Met <b>GUARD</b>	Poron <sup>®</sup> XRD <sup>®</sup> ultra high impact absorbing foam for protection of the arch of the foot, while having the comfort of a soft foam.	

ankle <b>GUARD</b>	Poron <sup>®</sup> XRD <sup>®</sup> ultra high impact absorbing foam to protect the ankle from side impact.	
<b>Penetration</b> <i>Resistant</i>	Flexible woven synthetic fibre midsole layer to provide protection without compromising performance.	
<b>ANTI-STATIC</b>	Minimises static electricity build up for safety in volatile environments.	
electrical HAZARD	Sole reduces the flow of electric current to protect the wearer from potential electrocution. Important note: In accordance with ASTM F2413-11 footwear protection should be considered a secondary source of protection. Electrical hazard protection can deteriorate quickly with wear and in the wet.	
WATERPROOF	Footwear lined with a one-way breathable waterproof membrane.	
H <sub>2</sub> ORESISTANT	Footwear designed to shed water.	
ZIPclosure	Side zip designed for easy access and quick exit.	
Scuff <b>CAP</b>	Improves durability in high wear zones.	
LOWcatchsole	Low profile sole at the toe to reduce the risk of tripping.	
Ladder <b>Heel</b>	Sole design minimises slip risk on ladders.	MAEH
REFLECTIVE	Upper contains retro-reflective material to improve visibility in low light conditions.	Contra Sta
Kevlar®	Kevlar <sup>®</sup> stitching for the ultimate in durability and fire retarding.	



# GRID





# SOLE SELECTION GRID





# HAZARD ASSESSMENT GUIDE

### SLIPS

#### SAFETY SOLUTION

• Uneven surfaces: **ADAPT**<sup>™</sup> sole unit is designed to maximise adaption to uneven terrain to maintain traction and reduce injury risks.

# **TRIPS & FALLS**

#### SAFETY SOLUTION

- Lightweight footwear to reduce fatigue of the leg muscles that lift the toes.
- **LOWcatchsole** to improve swing phase ground clearance at the toe to reduce the risk of tripping.

- Smooth surfaces: Traction Control Range is designed for maximum grip on smooth environments with fluid based slip hazards.
- asymBEVEL<sup>™</sup> to match the natural heel strike position during walking to minimise fatigue of the leg muscles that lift the toes.
- **ADAPT**<sup>™</sup> range to assist in foot adaption to uneven terrain.

### SPRAINS

#### SAFETY SOLUTION

• *articulated***FIT**<sup>™</sup> upper to provide targeted support and flexibility to improve adaption to uneven terrain.

# **COMBUSTIBLE MATERIALS**

#### SAFETY SOLUTION

 ANTI-STATIC certified footwear minimises static electricity build-up for safety in volatile environments.

# SHARP OBJECTS UNDERFOOT

#### SAFETY SOLUTION

• **Penetration***Resistant* styles feature a flexible woven synthetic fibre midsole layer that can resist the penetration of a nail applied at 1,100N of compression.

- **ADAPT**<sup>™</sup> range to assist in foot adaption to uneven terrain.
- Metal-free footwear can reduce the risk of spark ignition.

Ideal for construction sites and locations with sharp objects on the ground.

# ELECTRICAL HAZARDS

#### SAFETY SOLUTION

 electricalHAZARD sole reduces the flow of electric current to protect the wearer from potential electrocution. Important note: In accordance with ASTM F2413-11 footwear protection should be considered a secondary source of protection. *electrica*/**HAZARD** protection can deteriorate quickly with wear and in the wet.

### HOT CONTACT

#### SAFETY SOLUTION

• **300°cHeatResistant** nitrile rubber outsole provides protection in high heat environments. Ideal for workers in road

construction and other occupations that expose workers to hot surfaces or objects.

### **FALLING OBJECTS**

#### **SAFETY SOLUTION**

• Met**GUARD** protects the arch of the foot from falling objects with an impact of 100J. This is roughly equivalent to 20kg being dropped from 0.5m. An ultra-high impact absorbing

Poron<sup>®</sup> XRD<sup>®</sup> foam provides protection and comfort. Met**GUARD** styles are ideal for workers in resources, construction, machinery maintenance, pump crews and rail.

### SIDE IMPACT

#### SAFETY SOLUTION

• ankleGUARD an ultra-high impact absorbing Poron<sup>®</sup> XRD<sup>®</sup> foam protects the ankle bones from side strike.

## WATER EXPOSURE

#### SAFETY SOLUTION

 WATERPROOF styles lined with a one-way breathable waterproof membrane to provide additional protection to water resistant leather. ankle**GUARD** styles are ideal for workers in construction, maintenance and resources.







The **ADAPT**<sup>™</sup> range is designed for work on rough terrain. The **ADAPT**<sup>™</sup> sole technology and articulated FIT system improves adaption to uneven in and optimised movement performance epitomising SYST-M®. The lightweight designs minimise fatigue and maximise performance.

# **RANGE FEATURES**

#### SAFETY SYSTEMS

- **COMPOSITE**Toecap
- slipRESIST-C
- 300°cHeatResistant
- fueloi/RESIST
- H2ORESISTANT
- Scuff**CAP** LOWcatchsole
- REFLECTIVE

#### **PERFORMANCE SYSTEMS**

- SYST-M®
- ADAPT"
- articulated FIT<sup>™</sup>
- asym**BEVEL**™
- . OrthoLite®

- decoupleGROOVE<sup>™</sup>
- radiator**TECH**™
- endurelon"

•

**WIDE**cap

# **GRANITE II**

Built for work on rough terrain the GRANITE II protects against impacts from above, below and the side, making it ideal for workers in construction, resources and machine maintenance.





#### **APPROVED STANDARDS**

- AS/NZS 2210.3 (Class I S1 SRC P M AN HRO)
- EN ISO 20345 (S1 SRC P M AN HRO)
- ASTM F2413 11 (M/I/75/C/75/SD/PR/Mt)

- Met**GUARD**
- ankleGUARD
- **Penetration**Resistant
- ANTI-STATIC



# TERRAPRO

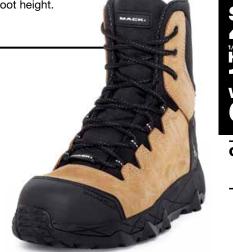
Optimised for adaption to uneven terrain, the TERRAPRO is ideal for off-road workers requiring additional boot height.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I S1 SRC HRO) EN - ISO 20345
- EN ISO 20345 (S1 SRC HRO)
- ASTM F2413 11 (M/I/75/C/75/SD)

#### **ADDITIONAL FEATURES**

- <u>soft</u>board™
- ANTI-STATIC













# **TERRAPRO ZIP**

TERRAPRO ZIP is ideal for workers that might need a quick exit due to sparks and water hazards or just want the ease of access, with the performance features of the **ADAPT**<sup>m</sup> Range.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I S1 SRC HRO)
- EN ISO 20345 (S1 SRC HRO)
- ASTM F2413 11 (M/I/75/C/75/SD)

- ZIPclosure
- <u>soft</u>board<sup>™</sup>
- ANTI-STATIC















# **OCTANE ZIP**

The combination of electricalHAZARD certification and the performance features of the ADAPT<sup>™</sup> Range makes the Octane Zip ideal for electricians and construction workers that work on uneven surfaces and can be exposed to electric currents. ZIPclosure provides easy access and a quick exit in emergencies.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3 (Class I SB SRC HRO)
- EN ISO 20345 (SB SRC HRO)
- ASTM F2413 11 (M/I/75/C/75/EH)

#### ADDITIONAL FEATURES

- electricalHAZARD
- ZIPclosure
- <u>soft</u>board<sup>™</sup>







# OCTANE

Anterior and posterior ankle flexibility and lightweight design make the OCTANE ideal for workers that clock up big mileage, either over rough terrain or while operating machinery.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I S1 SRC HRO)
- EN ISO 20345 (S1 SRC HRO)
- ASTM F2413 11 (M/I/75/C/75/SD)

#### **ADDITIONAL FEATURES**

- <u>soft</u>board™
- ANTI-STATIC









# POWER

POWER is designed for workers that need the toughness of a boot, while requiring the ankle mobility of a shoe. Ideal for drivers and people walking big distances on tough terrain.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class | S1 SRC HRO) • EN – ISO 20345
- (S1 SRC HRO)
- ASTM F2413 11 (M/I/75/C/75/SD)

- <u>soft</u>board™
- ANTI-STATIC











# ТМ LWRAP

The M-WRAP<sup>™</sup> range is engineered to provide targeted medial support on the inside of the foot, while integrating classic styling with modern innovation. The M-WRAP™ sole unit is modelled on foot movement patterns for optimised traction and performance on a firm surface.

# **RANGE FEATURES**

#### SAFETY SYSTEMS

- slipRESIST-C
- 300°cHeatResistant
- fueloi/RESIST
- H₂ORESISTANT
- LOWcatchsole Ladder Heel

- M-WRAP<sup>™</sup>
- **Hydro***dynamic*™ asym**BEVEL**™

SYST-M®

**PERFORMANCE SYSTEMS** 

- cuboid**NOTCH**™
- OrthoLite®

- decoupleGROOVE<sup>™</sup> •
- radiator**TECH**™
- endurelon<sup>\*</sup>

# **BULLDOG II**

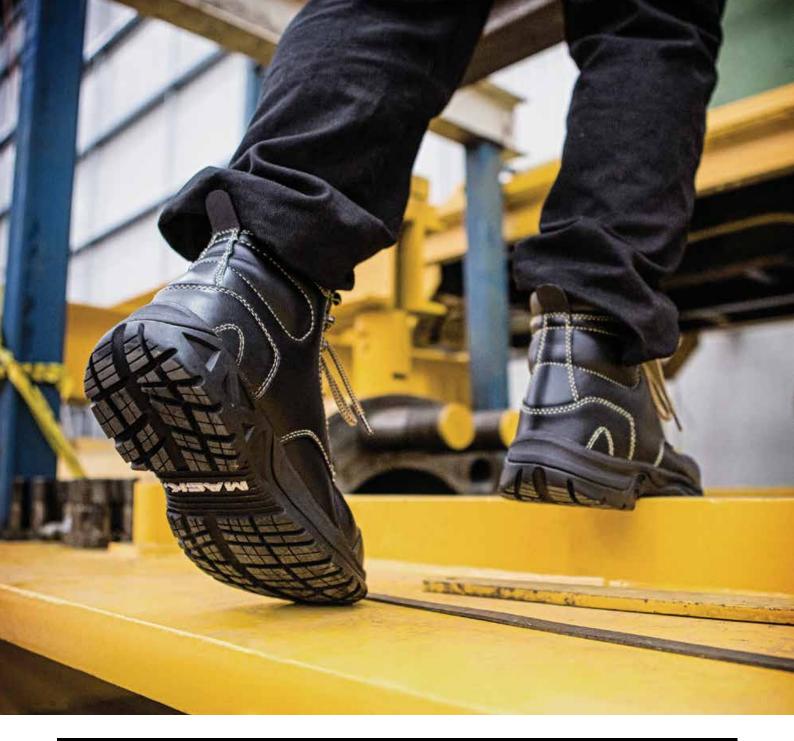
BULLDOG II maintains the classic looks with anatomically engineered performance making the BULLDOG II ideal for those looking for high performing style.



#### APPROVED STANDARDS

- AS/NZS 2210.3 (Class I S1 SRC HRO)
- EN ISO 20345 (S1 SRC HRO)
- ASTM F2413 11 (M/I/75/C/75/SD)

- STEEL Toecap
- ANTI-STATIC
- <u>soft</u>board™



# CHASSIS

The CHASSIS is purpose built for those exposed to sharp objects and hot material in construction and heavy industries. Combining **Kevlar**<sup>®</sup> stitching and fire retardant lacing, full leather upper and **Penetration***Resistant* midsole, the CHASSIS is ideal for workers exposed to sparks and other hot material.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I SB SRC P HRO)
- EN ISO 20345 (SB SRC P HRO)
- ASTM F2413 11
- (M/I/75/C/75/PR)

- STEELToecapWIDEcap
  - WIDEcap PenetrationResistant











# TITAN II

Modern innovation and technology is hidden behind the classic styling of the TITAN II. Being completely metal-free and electricalHAZARD certified the TITAN II is ideal for electricians and other workers exposed to electric currents.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I SB HRO SRC) EN - ISO 20345
- (SB HRO SRC)
- ASTM F2413 11 . (M/I/75/C/75/EH)

#### **ADDITIONAL FEATURES**

- **COMPOSITE**Toecap
- electrica/HAZARD
- **WIDE**cap •
- <u>soft</u>board™

# ZERO II

WATERPROOF and lightweight lace up boot to keep feet dry and workers full of energy. The ZERO II is popular with ground crews, road teams, landscapers, the aviation industry and workers who spend their days out in the elements.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I S1 SRC WR HRO) EN - ISO 20345
- (S1 SRC WR HRO)
- . ASTM F2413 - 11 (M/I/75/C/75/SD)

#### **ADDITIONAL FEATURES**

- **COMPOSITE**Toecap
- WATERPROOF **ANTI-STATIC**
- **WIDE**cap
- softboard"

## FREEWAY MET

Designed for the specific work requirements of processing plants, pump teams and offshore workers. The FREEWAY MET will keep workers safe and dry.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I S1 SRC P M WR HRO) EN - ISO 20345
- (S1 SRC P M WR HRO) • ASTM F2413 - 11
- (M/I/75/C/75/SD/PR/Mt)

#### **ADDITIONAL FEATURES**

- **COMPOSITE**Toecap
- Met**GUARD** .
- **Penetration**Resistant . WATERPROOF
- ANTI-STATIC Scuff CAP
  - **ZIP**closure





COLOURS















# BARB II

The unique upper design brings the *articulated* **FIT**<sup>™</sup> concept to a double gusset boot to minimise wear-in time.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I S1 SRC HRO)
- EN ISO 20345 (S1 SRC HRO)
- ASTM F2413 11 (M/I/75/C/75/SD)

#### ADDITIONAL FEATURES

- COMPOSITE Toecap
- ANTI-STATIC
- ScuffCAP
  articulatedF
- articulatedFIT<sup>™</sup>
  softboard<sup>™</sup>
- <u>soft</u>board<sup>™</sup>



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COLOURS



# **RIDER II**

Classically styled slip-on double elastic gusset boot with a high heat resistance rubber outsole, makes the RIDER II ideal for workers exposed to hot material.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I S1 SRC HRO)
- EN ISO 20345 (S1 SRC HRO)
- ASTM F2413 11 (M/I/75/C/75/SD)

#### **ADDITIONAL FEATURES**

- ANTI-STATIC
- **STEEL**Toecap
- <u>soft</u>board™









# **RIGGER II**

The RIGGER II is purpose built for petroleum, petrochemical, welders, boilermakers, riggers and other workers who need lace free protection.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I S1 SRC HRO) • EN – ISO 20345
- (S1 SRC HRO)
- ASTM F2413 11 (M/I/75/C/75/SD)

#### ADDITIONAL FEATURES

- ANTI-STATIC
- STEELToecap
- <u>soft</u>board™





**COLOURS** 





# TRACTION CONTROL RANGE

Designed to maximise grip from initial contact to toe-off, the Traction Control Range is ideal for slippery environments including cleaning, hospitality, food processing, roofing and healthcare sectors. The asym**BEVEL**<sup>™</sup> and **Hydro***dynamic*<sup>™</sup> systems in the Traction Control Range are designed to maximise ground contact area and disperse fluid from the ground shoe interface throughout the gait cycle.

# **RANGE FEATURES**

#### SAFETY SYSTEMS

- slipRESIST-C
  fueloi/RESIST
- LOWcatchsole
  REFLECTIVE

#### PERFORMANCE SYSTEMS

- SYST-**M**<sup>®</sup> • asym**BEV<u>EL</u>™**
- decoupleGROOVE™
- Hydrodynamic™

# FLEET

Premium slip resistant leather lace up shoe for workers that spend all day on their feet in wet and slippery environments. Ideal for workers in the hospitality, cleaning and healthcare sectors.

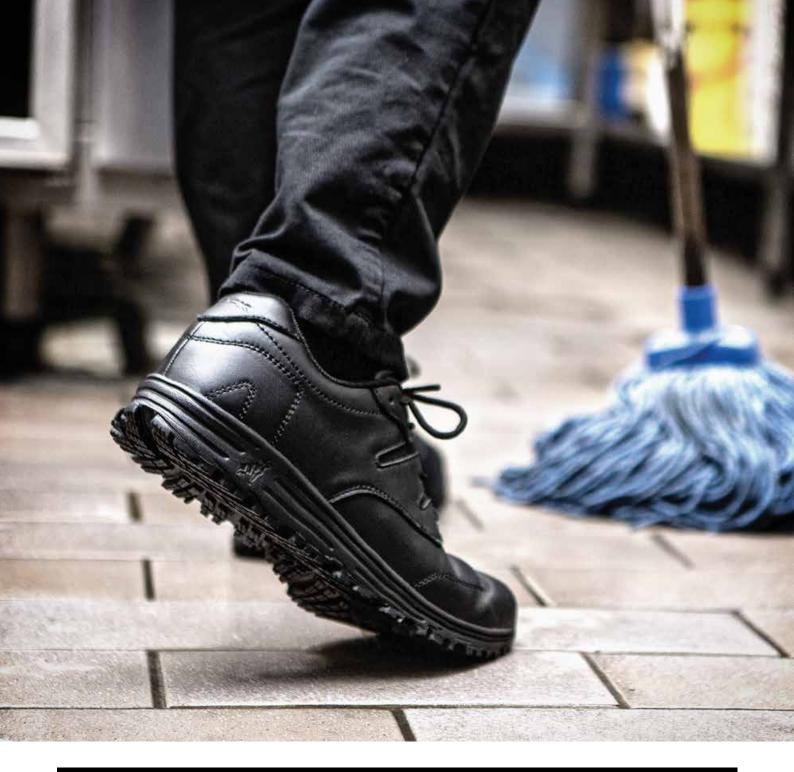


#### **APPROVED STANDARDS**

- AS/NZS 2210.5 (Class I OB E SRC)
- EN ISO 20345 (Class I OB E SRC)
- ASTM F2913 11

#### **ADDITIONAL FEATURES**

articulated **FIT**™



# METRO

Premium slip resistant leather lace up shoe for female workers that spend all day on their feet in slippery environments. Ideal for female workers in the hospitality, cleaning and healthcare sectors.

#### **APPROVED STANDARDS**

- AS/NZS 2210.5
- (Class I OB E SRC) EN – ISO 20345
- (Class I OB E SRC) ASTM F2913 11 •







# HAUL

Ultra-lightweight WATERPROOF slip resistant safety boot for workers that are exposed to wet and slippery environments. Ideal for workers in the food processing, hospitality, cleaning and light industrial sectors.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I S1 WR SRC) EN - ISO 20345
- . (M/I/75/C/75/SD)

ASTM F2413 - 11

#### **ADDITIONAL FEATURES**

(Class I S1 WR SRC)

- WATERPROOF •
- **COMPOSITE**Toecap
- **WIDE**cap •
- articulated FIT
- REFLECTIVE •
- Scuff**CAP** ANTI-STATIC

# PITCH

Designed for the unique requirements of working on the roof. The PITCH features pressure dispersion panels on the lateral side of the foot, key adaption zones in the mid and ball of the foot, a sole unit designed to maximise traction and adaption to the contours of the roof, all without sacrificing comfort. Also suitable for hospitality, food processing and light industrial sectors.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3 .
- (Class | S1 SRC)
- EN ISO 20345 (Class | S1 SRC)

#### **ADDITIONAL FEATURES**

- articulated FIT
- **COMPOSITE**Toecap
- **WIDE**cap
- Scuff**CAP**
- ANTI-STATIC

exoSHIFI D

ASTM F2413 - 11

(M/I/75/C/75/SD)

- TUNED

Ultra-lightweight slip resistant slip-on double gusset safety boot for workers that are exposed to slippery environments. Ideal for workers in the food processing, hospitality, cleaning and light industrial sectors. The white and black colour options make the TUNED ideal for food processing sectors seeking to prevent cross contamination.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
  - (Class I S1 SRC) EN - ISO 20345
- ASTM F2413 - 11 (M/I/75/C/75/SD)
- (Class I S1 SRC)

#### **ADDITIONAL FEATURES**

- **COMPOSITE**Toecap
- **WIDE**cap
- H,ORESISTANT **ANTI-STATIC**





COLOURS

COLOURS

















The women's specific ladies range is designed to provide a cross section of fitting profiles for different foot shapes and a variety of industry applications.

# **RANGE FEATURES**

#### SAFETY SYSTEMS

slipRESIST-C

- fueloi/RESIST
- H<sub>2</sub>ORESISTANT
- LOWcatchsole

#### PERFORMANCE SYSTEMS

- SYST-**M**® asym**BEVEL**™
- decoupleGROOVE<sup>™</sup>

# McGRATH II

The anterior and posterior ankle flexibility and lightweight design makes the McGRATH II purpose built for women that clock up big mileage on foot and driving.



#### **APPROVED STANDARDS**

- AS/NZS 2210.3(Class I S1 HRO SRC)
- EN ISO 20345 (Class I S1 HRO SRC)
- ASTM F2413 11 (F/I/75/C/75/SD)

#### **ADDITIONAL FEATURES**

- COMPOSITE Toecap
- 300°cHeatResistant
- ANTI-STATIC
- Scuff**CAP**
- REFLECTIVE
- ADAPT™
- articulatedFIT<sup>™</sup>
- OrthoLite<sup>®</sup>
- <u>soft</u>board™
  - radiator**TECH**™
  - endurelon"
  - WIDEcap



The McGrath Foundation provides breast care nurses in communities across Australia and increases breast awareness in young Australian women. For every McGRATH II boot sold, MACK BOOTS will donate 15% of the sale price to the McGrath Foundation to support breast cancer patients.

# AXEL

Smooth styling of the AXEL is combined with a functional design to provide targeted medial support for women working on a firm surface. The AXEL is also completely metal-free and electricalHAZARD certified making it the ideal boot for women who could be exposed to electric currents.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I SB HRO SRC) EN - ISO 20345 (Class I SB HRO SRC)
- ASTM F2413 11 (F/I/75/C/75/EH)

#### **ADDITIONAL FEATURES**

- **COMPOSITE**Toecap •
- electrica/HAZARD
- 300°cHeatResistant
- Ladder*Heel* .
- OrthoLite<sup>®</sup> M-WRAP
- Hydrodynamic<sup>™</sup> cuboidNOTCH<sup>™</sup> softboard
- radiator**TECH**™
- endurelon<sup>\*</sup>







BROOKLYN

Classic looks with anatomically engineered performance makes the BROOKLYN ideal for female workers looking for high performance and style.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I S1 HRO SRC) EN - ISO 20345 (Class I S1 HRO SRC)

### **ADDITIONAL FEATURES**

- ANTI-STATIC
- STEEL Toecap •
- 300°cHeatResistant
- Ladder*Heel*
- OrthoLite<sup>®</sup>
- M-WRAP"
- **Hydro**dynamic<sup>™</sup>

ASTM F2413 - 11 (F/I/75/C/75/SD)

- cuboid**NOTCH**™
- softboard
- radiator**TECH**<sup>™</sup>

ASTM F2413 - 11

(F/I/75/C/75/SD)











COLOURS



# EUEL

Ultra-lightweight highly slip resistant slip-on double gusset safety boot for female workers exposed to slippery environments and work in light industrial environments. The FUEL is ideal for women working in the food processing, hospitality, cleaning and light industrial sectors.

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#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I S1 SRC) EN - ISO 20345
- (Class I S1 SRC)

- **COMPOSITE**Toecap
- **WIDE**cap
- ANTI-STATIC **Hydro**dynamic<sup>™</sup>











Designed for workers that want stylish safety footwear that is designed to fit and worn to perform throughout the day. The range is ideal for site managers, engineers, foremen and those involved in light industrial applications including warehousing and transport.

# **RANGE FEATURES**

#### **SAFETY SYSTEMS**

fueloi/RESIST

LOWcatchsole

# VISION

Lightweight athletic safety shoe designed specifically for light industry including warehousing, transport and garbage collectors who clock up big miles on their feet with minimal wear and tear on their footwear. The heat welded exoSHIELD upper ensures a seamfree upper for maximum comfort and durability.



#### **APPROVED STANDARDS**

- AS/NZS 2210.3 (Class I S1 SRC)
- EN ISO 20345 (Class I S1 SRC)
- ASTM F2413 11 (M/I/75/C/75/SD)

- **COMPOSITE**Toecap
- slip**RESIST-**C
- ANTI-STATIC ScuffCAP

- SYST-M® articulated FIT"
- exoSHIELD
- **WIDE**cap

# PRESIDENT

Lightweight slip-on business styled safety shoe ideal for situations where laces can become contaminated or to provide a sleek fashionable style. Suitable for site managers, engineers, foremen and the food processing sector that desire the functionality of a shoe but need it to be lace free.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I SB SRA) EN - ISO 20345

• ASTM F2413 - 11 (M/I/75/C/75)

(Class I SB SRA)

#### **ADDITIONAL FEATURES**

- **COMPOSITE**Toecap •
- 300°cHeatResistant
- slip**RESIST**-A •
- H<sub>2</sub>ORESISTANT • • SiliconeGELInnersole
- endurelon™

## BOSS

Executive styled lightweight safety shoe that looks the part while in the office and performs onsite. Ideal for site managers, engineers, foremen and other workers that split their time between the office, factory or site.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3 (Class I SB SRA)
- ASTM F2413 11
- EN ISO 20345 (Class I SB SRA)

#### **ADDITIONAL FEATURES**

- **COMPOSITE**Toecap
- 300°cHeatResistant •
- slip**RESIST**-A •
- . H,ORESISTANT SiliconeGELInnersole
- Anti-torsionSole
- **TRACTION**Sole •
- **PHYLON***Midsole*





COLOURS













# 

The TORQUE range is designed for workers requiring comfort and versatility in their safety footwear. The TORQUE range combines a PU cushioned midsole, TPU outsole, high grade leather uppers and integrated ScuffCAP for durability. The fitting profile best suits workers with a wider than average midfoot and rearfoot.

# **RANGE FEATURES**

#### SAFETY SYSTEMS

- Scuff CAP
- **STEEL**Toecap
- **ANTI-STATIC**
- slipRESIST-C
- H,ORESISTANT 150°cHeatResistant
- fueloil RESIST

# BLAST



#### **APPROVED STANDARDS**

- AS/NZS 2210.3 (Class I S1 SRC)
- EN ISO 20345 (Class I S1 SRC)
- ASTM F2413 11 (M/I/75/C/75/SD0

#### **ADDITIONAL FEATURES**

**ZIP**closure

# CHARGE

Ideal for workers in the resources and construction industries that spend all day in their boots. The CHARGE incorporates a cushioned PU midsole and insole beneath the foot and wraps the foot in high grade full grain leather upper for comfort, breathability and durability.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3 (Class I S1 SRC)
- EN ISO 20345
- (Class I S1 SRC) • ASTM F2413 – 11
- (M/I/75/C/75/SD)









# TURBO

Hiking style lace up boot designed for the warehouse and transport industries. The cushioned PU midsole helps ease the feet through a long day on the job. Reflective material in the heel improves visibility in low light.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I S1 SRC) • EN – ISO 20345
- EN ISO 20345 (Class I S1 SRC)
- ASTM F2413 11 (M/I/75/C/75/SD)

#### **ADDITIONAL FEATURES**

REFLECTIVE











Classic slip-on double gusseted boot with a **ScuffCAP** to improve durability, making the PISTON ideal for workers that have to kneel as part of their work routine. Suitable for plumbers, electricians, mechanics and workers that complete work in hard to reach places.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I S1 SRC) • EN – ISO 20345
- EN ISO 20345 (Class I S1 SRC)
- ASTM F2413 11 (M/I/75/C/75/SD)





COLOURS









Designed for the diverse tasks undertaken by tradesmen. The TRADE RANGE are comfortable and versatile boots at an attractive price point.

# **RANGE FEATURES**

#### SAFETY SYSTEMS

- STEELToecap
- H₂ORESISTANT
- ANTI-STATIC
  slipRESIST-C
- fueloi/RESIST
- 150°cHeatResistant

# CARPENTER

Designed for tradesmen, apprentices and workers who take their boots off multiple times a day. The CARPENTER is a stylish boot at an attractive price point which features zip access saving workers time during the day to maximise time on the job.



#### APPROVED STANDARDS

- AS/NZS 2210.3 (Class I S1 SRC)
- EN ISO 20345 (Class I S1 SRC)
- ASTM F2413 11 (M/I/75/C/75/SD)

#### **ADDITIONAL FEATURES**

12571

ZIPclosure

# CHIPPY PEN

Designed to ensure protection from danger coming from above and below. Ideal for the construction industry and other workers exposed to sharp objects.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I S1 P SRC) • EN – ISO 20345
- (Class I S1 P SRC)
- ASTM F2413 11 (M/I/75/C/75/SD/PR)

#### **ADDITIONAL FEATURES**

PenetrationResistant





# TRADESMAN

This lace up safety boot provides additional ankle stability at an attractive price point, making it ideal for apprentices and part-timers. The TPU outsole provides improved resistance to hydrolysis, microbial attack, oils, acids and organic fats compared to dual density PU soles.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I S1 SRC)
- EN ISO 20345 (Class I S1 SRC)
- ASTM F2413 11 (M/I/75/C/75/SD)









# TRADIE

Slip-on double gusset boot ideal for the tradesman wanting bang for their buck. The TPU outsole provides improved resistance to hydrolysis, microbial attack, oils, acids and organic fats compared to dual density PU soles.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3
- (Class I S1 SRC) • EN – ISO 20345
- (Class I S1 SRC)
- ASTM F2413 11 (M/I/75/C/75/SD)











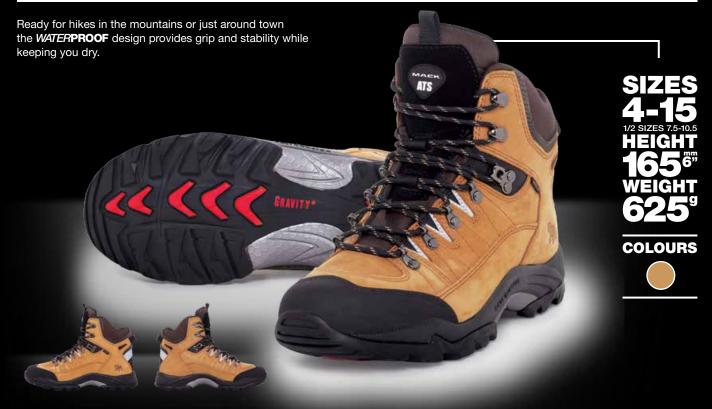




# HIKING AS

Designed for both work and play the MACK non-safety range is designed to be comfortable and functional.

PEAK



#### **KEY FEATURES**

- water**proof**
- slip**RESIST-**A **REFLECTIVE**
- TRACTIONSole PHYLONMidsole
- Silicone GEL
- Silicone**GEL**Innersole Anterior**ANKLE**Flex
- Anti-torsionSole

# ULTRA

The ULTRA provides the classic boot style for the trails or the footpath. With a classic fit and function the ULTRA is perfect for the weekend or non-safety work applications.

#### **KEY FEATURES**

- Full Grain Leather
- **PHYLON***Midsole* •
- Rubber outsole •
- PU Innersole •
- H<sub>2</sub>ORESISTANT











# FARMER

Stylish comfortable slip-on double gusset boot that is ideal for work on the farm or other non-safety work environments.

#### **KEY FEATURES**

- Full Grain Leather
- **PHYLON***Midsole*
- Rubber outsole
- PU Innersole
- H<sub>2</sub>ORESISTANT









# BOOST

The BOOST is a classic slip-on double gusseted boot with a ScuffCAP to improve durability.

#### **KEY FEATURES**

- Scuff CAP
- H<sub>2</sub>ORESISTANT
- slip**RESIST**-C
- fueloi/**RESIST**
- PU Midsole
- PU Innersole













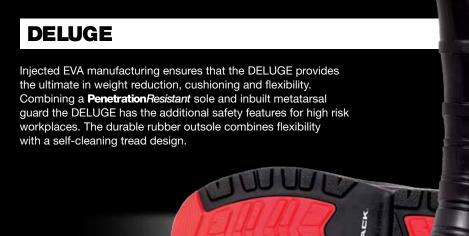
# **GUMBOOT RANGE**

Comprising of both ultralight injected EVA gumboots and traditional PVC gumboots, MACK's range are suitable for any application. The light weight of the EVA gumboot range makes these styles ideal for workers that spend all day in gumboots. The durability of the PVC styles are ideal for workers exposed to sharp objects and only need gumboots to complete some tasks during the day.

# **RANGE FEATURES**

#### SAFETY SYSTEMS

- STEELToecap
- slipRESIST-A
- fueloi/RESIST
- WATERPROOF
- SIIPRESIS I-A fueloi/RESIST
- Ladder*Heel*





#### APPROVED STANDARDS

- AS/NZS 2210.3 (Class II SB P M SRA)
- EN ISO 20345 (SB P M SRA)
- ASTM F2413 11 (M/I/75/C/75/PR/MA)

#### **ADDITIONAL FEATURES**

#### MetGUARD

- PenetrationResistant
- EVA midsole
- Silicone GEL Innersole
- Rubber outsole

MACK

Made

# STORMER

Ultra-lightweight injected EVA safety gumboot that is light and functional. The reduction in weight will help reduce muscle fatigue in the workplace, helping to improve productivity and safety.

#### **APPROVED STANDARDS**

- AS/NZ S2210.3
- (Class II SB SRA)
- EN ISO 20345 (SB SRA)
  ASTM E2413 11 (M/I/75/C/74
- ASTM F2413 11 (M/I/75/C/75)

#### **ADDITIONAL FEATURES**

- MetGUARD
- EVA midsole
- Silicone GELInnersole
- Rubber outsole







### SURGE

The SURGE is an ultra-lightweight injected EVA gumboot and is perfect for non-safety environments.

#### **ADDITIONAL FEATURES**

- EVA midsole
- SiliconeGELInnersole
- Rubber outsole







### POUR

Designed for tough environments the POUR is ideal for construction workers, concreters and other workers exposed to sharp objects in wet environments. The POUR also combines a cushioned PU insole for comfort.

#### **APPROVED STANDARDS**

- AS/NZ S2210.3
- (Class II SB P SRA) • EN – ISO 20345
- (Class II SB P SRA)
- ASTM F2413 11 (M/I/75/C/75/PR)

- PenetrationResistant
- PU Insole







# PUMP

Ideal for workers that need a durable and comfortable safety gumboot. The PUMP also combines a cushioned PU insole for a soft underfoot feel.

#### **APPROVED STANDARDS**

- AS/NZS 2210.3:2009
- (Class II SB SRA) • EN – ISO 20345:2012
- (Class II SB SRA)
- ASTM F2413 11 (M/I/75/C/75

#### **ADDITIONAL FEATURES**

PU Insole





COLOURS







# MEN'S AND LADIES FOOTWEAR SIZING CHART

UK/AUS SIZE	2	3	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	12	13	14	15
EURO SIZE	36	37	38	38.5	39	39.5	40	40.5	41	41.5	42	42.5	43	43.5	44	44.5	45	46	47	48	49
MENS USA SIZE	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	13	14	15	16
LADIES USA SIZE			6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12						

All footwear sold and distributed in or from Australia is based on a UK size. Ladies sizes are two sizes larger than UK sizes. **All Mack safety footwear is independently certified to major international safety standards.** 



# PERFORMANCE REFERENCE CHART

	SYST- <b>M</b> ®	<b>M-</b> WRAP™	ADAPT™	<b>Hydro</b> dynamic™	articulated <b>FIT</b> ™	asym <b>BEVEL</b> ™
ADAPT RANGE						
GRANITE II	x		x		x	x
TERRAPRO	x		x		x	x
TERRAPRO ZIP	x		x		x	x
OCTANE	x		x		x	x
OCTANE ZIP	x		x		x	x
POWER	x		x		x	x
M-WRAP RANGE				,		
BULLDOG II	x	x		x		x
CHASSIS	x	x		x		x
TITAN II	x	x		x		x
ZERO II	x	x		x		x
FREEWAY MET	x	x		x		x
BARB II	x	x		x	x	x
RIDER II	x	x		x		x
RIGGER II	x	x		x		x
TRACTION CONTROL RANGE						
FLEET	x			x	x	x
METRO	x			x		x
HAUL	x			x	x	x
РІТСН	x			x	x	x
TUNED	x			x		x
LADIES SAFETY				1		
MCGRATH II	x		x		x	x
AXEL	x	x		x		x
BROOKLYN	x	x		x		x
FUEL	x			x		x
LIFESTYLE SAFETY RANGE						
BOSS						
PRESIDENT						
VISION	X				x	
TORQUE RANGE				1		
BLAST						
CHARGE						
TURBO						
PISTON						
TRADE RANGE						
CARPENTER						
CHIPPY PEN						
TRADESMAN						
TRADIE						
HIKING & CASUAL						
PEAK						
ULTRA						
FARMER						
BOOST						
DELUGE						
SUBOR						
SURGE						
POUR						
PUMP						



Ortholite	<u>soft</u> board™	decouple- GROOVE™	radiator <b>TECH</b> ™	<b>endure</b> lon <sup>™</sup>	cuboid <b>NOTCH</b> ™	exo <b>SHIELD</b>	WIDEcap
x	x	x	x	x			x
x	x	x	x	x			x
x	x	x	x	x			x
x	x	x	x	x			x
X	X	x	X	x			x
x	×	×	x	x			×
x	x	x	x	x	x		
x	x	x	x	x	x		x
x	x	x	x	x	x		x
x	x	x	x	x	x		x
x	x	x	x	x	x		x
x	x	x	x	x	x		x
x	x	x	x	x	x		
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x	x	x	x	x			x
x	x	x	x	x	x		x
x	x	x	x	x	x		
		x					x
							x
							x
						x	x
					1		1

# SAFETY REFERENCE CHART

#### APPROVED STANDARDS

		,								
STYLE	EN ISO 20345 AUS/NZS 2210.3	ASTM F2413-11	Safety	<b>STEEL-</b> Toecap	COMPOSITE Toecap	<b>150°c</b> Heat Resistant	300°cHeat Resistant	slip <b>RESIST</b> -A	slip <b>RESIST</b> -B	<i>slip</i> <b>RESIST</b> -C
ADAPT RANGE						<u>.</u>			·	
GRANITE II	S1 SRC P M AN HRO	M/I/75/C/75/SD/PR/MT	x		x		x	x	x	x
TERRAPRO	S1 SRC HRO	M/I/75/C/75/SD	x		x		x	x	x	x
TERRAPRO ZIP	S1 SRC HRO	M/I/75/C/75/SD	x		x		x	x	x	x
OCTANE	S1 SRC HRO	M/I/75/C/75/SD	x		x		x	x	x	x
OCTANE ZIP	SB SRC HRO	M/I/75/C/75/EH	x		x		x	x	x	x
POWER	S1 SRC HRO	M/I/75/C/75/SD	x		x		x	x	x	x
M-WRAP RANGE										
BULLDOG II	S1 HRO SRC	M/I/75/C/75/SD	x	x			x	x	x	x
CHASSIS	SB P HRO SRC	M/I/75/C/75/PR	x	x			x	х	x	x
TITAN II	SB HRO SRC	M/I/75/C/75/EH	x		x		x	x	x	x
ZERO II	S1 WR HRO SRC	M/I/75/C/75/SD	x		x		x	x	x	x
FREEWAY MET	S1 WR HRO P M SRC	M/I/75/C/75/SD/PR/MT	x		x		x	x	x	x
BARB II	S1 SRC HRO	M/I/75/C/75/SD	x		x		x	x	x	x
RIDER II	S1 HRO SRC	M/I/75/C/75/SD	x	x			x	x	x	x
RIGGER II	S1 HRO SRC	M/I/75/C/75/SD	x	x			x	x	x	x
TRACTION CONTROL RANGE										
FLEET	SRC E	F2913 -11						x	x	x
METRO	SRC E	F2913 -11						x	x	x
HAUL	S2 WR SRC	M/I/75/C/75/SD	x		x			x	x	x
РІТСН	S1 SRC	M/I/75/C/75/SD	x		x			x	x	x
TUNED	S2 SRC	M/I/75/C/75/SD	x		x			x	x	x
LADIES SAFETY										
MCGRATH II	S1 HRO SRC	F/I/75/C/75/SD	x		x		x	x	x	x
AXEL	SB HRO SRC	F/I/75/C/75/EH	x		x		x	x	x	x
BROOKLYN	S1 HRO SRC	F/I/75/C/75/SD	x	x			x	x	x	x
FUEL	S1 SRC	F/I/75/C/75/SD	x		x			x	x	x
LIFESTYLE SAFETY RANGE										
BOSS	SB SRA	M/I/75/C/75	x		x		x	х		
PRESIDENT	SB SRA	M/I/75/C/75	x		x		x	x		
VISION	S1 SRC	M/I/75/C/75/SD	x		x			x	x	x
TORQUE RANGE										
BLAST	S1 SRC	M/I/75/C/75/SD	x	x		x		x	x	x
CHARGE	S1 SRC	M/I/75/C/75/SD	x	x		x		x	x	x
TURBO	S1 SRC	M/I/75/C/75/SD	x	x		x		x	x	x
PISTON	S1 SRC	M/I/75/C/75/SD	x	x		x		x	x	x
TRADE RANGE										
CARPENTER	S1 SRC	M/I/75/C/75/SD	x	x		x		x	x	x
CHIPPY PEN	S1 SRC P	M/I/75/C/75/SD/PR	x	x		x		х	x	x
TRADESMAN	S1 SRC	M/I/75/C/75/SD	x	x		x		x	x	x
TRADIE	S1 SRC	M/I/75/C/75/SD	x	x		x		x	x	х
HIKING & CASUAL										
PEAK							x	x		
ULTRA							x	х		
FARMER							x	x		
BOOST						x		x		
GUMBOOT RANGE										
DELUGE	SB SRA P M	M/I/75/C/75	x	x				x		
STORMER	SB SRA M	M/I/75/C/75	x	x				х		
SURGE	SRA							x		
POUR	SB SRA P		x	x				x		
PUMP	SB SRA		x	x				x		



fueloil- RESIST	Met- GUARD	ankle- GUARD	Pentration Resistant	<b>ANTI-</b> STATIC	electrical- HAZARD	WATER- PROOF	<b>H₂O</b> RESISTANT	<b>ZIP</b> closure	Scuff- CAP	LOW- catchsole	Ladder- Heel	REFLECTIVE	Kevlar®	Lace FREE
x	x	x	x	x			x		x	x		x		
x				x			x		x	x		x		
x				x			x	x	x	x		x		
x				x			x		x	x		x		
x					x		x	x	x	x		x		
x				x			x		x	x		x		
										1		1		
x				x			x			x	x			
x			x				x		x	x	x		x	
x					x		x			x	x			
x				x		x	x		x	x	x			
x	x		x	x		x	x	x	x	x	x	x		
x				x			x		x	x	x			x
x				x			x			x	x			x
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x							x		x					x
x	x		x			x	x				x			x
x	x					x	x				x			x
x						x	x				x			x
x			x			x	x				x			x
x						x	x				x			x



# DESIGNED TO ENDURE. MADE TO MOVE. WORN TO PERFORM.

# MACKBOOTS.COM.AU | 1300 350 216

April 2019

Mack Footwear is sold under licence from Mack Trucks, Inc. All rights reserved. \*Weight disclaimer: Footwear weights are based on a men's UK8 for a single shoe or boot and a ladies USA10 for ladies shoes. Due to the nature of manufacturing there will be subtle variation between pairs. Disclaimer: Every reasonable effort has been made to ensure the accuracy of the product information in this document. This document must not be regarded as an infallible guide. **Mack Boots™** accepts no responsibility in this regard. As product details may change from time to time please contact **Mack Boots™** to gain the latest information.