

KASK ZENITH X

Protective Helmet



Technical Details

MATERIAL

External Shell: HD Polystyrene

Internal Shell: HD Expanded Polystyrene

Headband: Soft PA nylon

SIZE

Universal-adjustable from 52cm to 63cm

WEIGHT

480g

TEMPERATURE OF USE

-30°C/+50°C

STANDARD

AS/NZS 1801

EN 397

EN 50365 (Class 0)












Protection against front, rear and side impacts in conformity with EN 12492 Clauses 4.2.1.2, 4.2.1.3, 4.2.1.4 shock energy absorption capacity

Clause 4.2.2 penetration

EN 397 ADDITIONAL TESTS:

440V a.c. / -30°C / LD / MM



 WHE00089-201 WHITE	 WHE00089-202 YELLOW	 WHE00089-203 ORANGE
 WHE00089-204 RED	 WHE00089-205 GREEN	 WHE00089-206 BRITISH GREEN
 WHE00089-208 BLUE	 WHE00089-209 ANTHRACITE	 WHE00089-210 BLACK
 WHE00089-214 PINK	 WHE00089-215 GREY	

Technologies

POLYPROPYLENE HD EXTERNAL SHELL

Lightweight external shell with exponential better performance. Excels in impact absorption, especially at lower temperatures (-30°C). Resists yellowing and degradation.

D-CORE TECHNOLOGY

Helmet internal shell designed with a low-density inner core optimized for protection from top impacts.

HD CROWN PROTECTION

Higher density external crown system that provides stronger all-around protection and improved comfort.

CLICK-IN SYSTEM

Patented inner padding attachment system that enhances padding durability, replacement, and removal.

DRY+

Advanced composite fabric integrated with Hydrocool® moisture-wicking technology and exceptionally soft textiles for enhanced user comfort. Infused with a deodorizing silver ion treatment.

ADAPTIVE FIT SYSTEM

A size adjustment system which integrates three components for all-day comfort. A new, double diameter dial allows for easier size adjustment. Ergonomic side wings ensure a fast and secure fit against the back of the head. The patented Self Adaptive Live Hinge is the latest, self-adjusting fit technology that moves as the wearer moves.

ELECTRICAL SHOCK PROTECTION EN 50365

Protection against potential contact during working with live or close to live parts on low voltage installations not exceeding 1000 V a.c. or 1500 V d.c.

ELECTRICAL INSULATION

Protection against electric hazards. Optional requirements EN 397 – 440 V.

ADVANCED CHINSTRAP

New, eco-leather chinstrap designed with new, rear adjustment points for a more personalized fit. Accommodates with wider sizes and adapts to earmuff use. Color-coded fasteners indicate which EN standard the chinstrap meets.

LATERAL ADJUSTMENT DIVIDER

Chinstrap designed with a side regulator point for a more tailored fit.

RING TO HOOK

Fitted with an attachment loop on the chinstrap. Designed to enable secure attachment of helmet to harness or other items.

www.frsa.com.au | admin@frsa.com.au | + 61 7 3209 7422

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Technologies (Cont.)

EARMUFF ATTACHMENT SLOTS

Helmet designed with standard 30mm EURO slots for attaching KASK earmuffs.

HI-VIZ NAMEPLATE

Designed with a high visibility nameplate for easy identification on the back of the helmet.

FRONTAL ACCESSORY SLOT

Front attachment point for advanced customization and easy integration of accessories such as badge holders and headlamps. Includes cap cover for debris protection.

EARPLUG HOOKS

Lamp clips designed with secure earplug holders for easy access.

REPLACEABLE LAMP CLIPS

Helmet designed with 4 removable nylon external lamp attachment clips. Compatible with KASK headlamps and industry headlamps with elastic bands. Rear lamp clips designed with secure earplug holders for easy access.

EASY CLICK SYSTEM

Helmet designed with integrated slots that enable visor adapters to mount face protection and eye protection to helmet.

Additional Information

GUARANTEE

3 years starting from the date of purchase.

SHELF LIFE

10 years starting from the date of manufacture. The helmet must be checked regularly and before each use to detect the presence of any damage such as cracks, detachments, deformities, or peeling that represent factual elements of the state of deterioration of the helmet. Helmets that have suffered a severe impact shall be replaced even if they do not show obvious signs of damage.

CLEANING

Clean the helmet with the KASK Helmet cleaner or with water, neutral pH soap and a soft, clean cloth. The inner lining should be washed by hand in cold water or in the washing machine (max 30°C - 85°F). The KASK Liner Refresher is available to neutralise unpleasant odours.

STORAGE

The helmet should be stored away from direct sunlight or source of heat. We recommend the use of the KASK drawstring helmet bag to protect the helmet when not in use.

ADHESIVE APPLICATION

Do not apply adhesives, stickers or use paint and solvents on the helmet that do not comply with the manufacturer's specifications. Any alteration or intervention may impair its protective function.

Performances

AS/NZS Standard		
Protection against top impacts	K	5 Kg from 1 m 100 J
Protection against the penetration of objects	K	3 Kg from 1 m 30 J
Protection against side deformation	K	9 Kg max: 15 mm
Flame resistance	K	10"
Electrical insulation	K	650V

EN Standards		
Lower temperature resistance test	K	T= -30°C
Protection against side deformation	K	LD
Protection against molten metal splashes	K	MM
Protection against electrical shock	K	440V
Protection against side, front and rear impact	K*	5 Kg from 0,5 m 25 J
Protection against penetration of the objects	K*	3 Kg from 1,0 m 30 J
Electrical insulation for use on low voltage installations. Class 0	K**	1000V AC 1500V DC

- K** Standard requirements
- K** EN397 additional requirements
- K*** Additional tests in conformity with the requirements of EN12492
- K**** EN50365 Standard - Electrical Insulating Helmet

Safety Accessories

