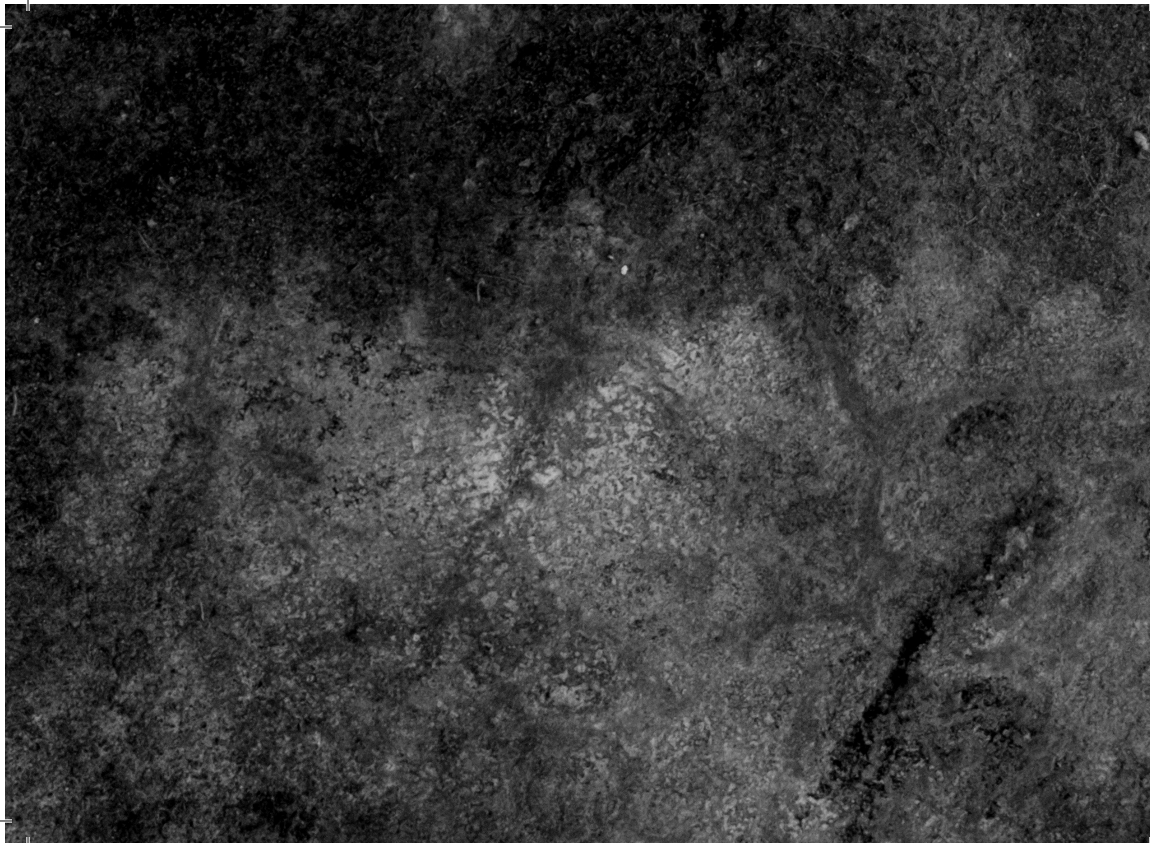


armourU®
personal protection experts



Safety Helmets

USER MANUAL





Denali, Elbrus Safety Helmets

USER MANUAL

Helmets for construction and industrial safety

Certificates for vented: EN 397

Certificates for unvented: EN 397, EN 50365

Thanks for choosing an armourU product.

The Denali and Elbrus helmets have been designed for use in construction and industrial environments and are intended to provide protection to the wearer against falling objects and consequentially prevent head injuries.

Both Denali (with inbuilt safety spectacles) and Elbrus (without) meet the basic requirements of EN 397:2012+A1 (2012) standard and the following optional requirements of EN 397:2012+A1 (2012) standard: protection against impacts after exposure to very low temperatures (down to -30°C) and resistance to lateral deformation.

Unvented versions of both models also meet the optional requirements of this standard for resistance to molten metal splashes, protection against short term, accidental contact with live electrical conductors up to 440 V a.c. and the requirements of EN 50365:2002 for use on low voltage installations. Versions including a chinstrap also comply with the requirements for chin strap anchorage resistance according to EN 397:2012+A1 (2012).

The inbuilt safety spectacles on the Denali model comply with the requirements of EN 166:2004 and EN 14458:2004 standards.

Please contact info@armourU.com for Declarations of Conformity.

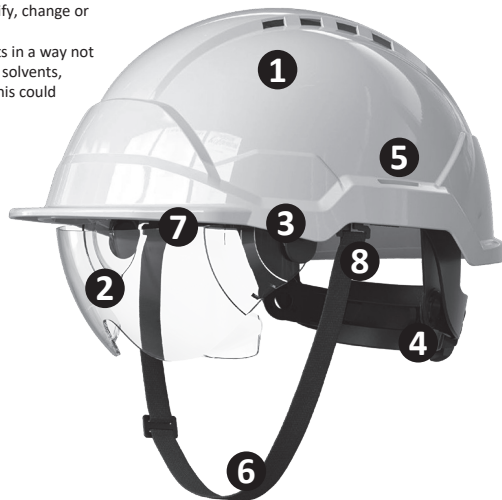
Warning

Please read the following instructions carefully before using the helmet.
For adequate protection, the helmet must be fitted and/or adjusted to the user's head.







The helmet is made to absorb the energy of a blow by partial destruction or damage to the shell and the harness, and even though such damage may not be readily or visibly apparent, any helmet subjected to severe impact should be discarded and replaced. It is also important to note and understand that any attempt to modify, change or remove the helmet, or its component parts, is extremely dangerous. Helmets should not be adapted for the purpose of fitting attachments in a way not recommended by armourU. In addition, users must not apply paints, solvents, chemicals, adhesives, or any self-adhesive labels to the helmets, as this could reduce the integral strength of the plastic.

Nomenclature of parts





- ❶ Shell
- ❷ Safety spectacles (if applicable)
- ❸ Spectacle slider (if applicable)
- ❹ Headband with ratchet knob for size adjustment
- ❺ Euro slots for attaching hearing protection/visors
- ❻ Chinstrap
- ❼ Headband with sweat absorbing padding
- ❽ Chinstrap attachment slots.



Vented versions

Manufacturer's trademark	
Supplier's trademark	
Year and quarter of manufacture	
Certification marking and notified body number	 0497
Model name	AHDEN02/AHELB02
European standard number for industrial safety helmets	EN 397
Shell material	ABS
Size range (head circumference)	52 – 63 cm
Recyclable	
European standard number for Electrically Insulating Helmets for Use on Low Voltage Installations	EN 50365
Shock absorption properties preserved after exposure to low temperatures, down to -30°C	-30°C
Resistance to lateral deformation	LD
Symbol for EN 50365	
Protection against short term accidental contact with live electrical conductors up to 440 V a.c.	440 V a.c.
Resistance to molten metal splashes	MM

Unvented versions

Manufacturer's trademark	
Supplier's trademark	
Year and quarter of manufacture	
Certification marking and notified body number	CE 0497
Model name	AHDEN01/AHELB01
European standard number for industrial safety helmets	EN 397
Shell material	ABS
Size range (head circumference)	52 – 63 cm
Recyclable	
Shock absorption properties preserved after exposure to low temperatures, down to -30°C	-30°C
Resistance to lateral deformation	LD


Headband marking

Material	LDPE
Size range (head circumference)	52 – 63 cm

Eyewear markings

Certification agency / notified body	CSI S.p.A (0497), Viale Lombardia 20, 20021 Bollate (MI), Italy, Notified Body No.: 0497	
Standards certified	EN 166 (Personal eye protection), EN 14458 (Personal eye equipment – Face shields and visors for use with firefighters and industrial safety helmets used by firefighters, ambulance and emergency services)	
Markings EN 166	3-1.2	Scale number
	1	Optical class
	B	Resistance to medium energy impact
	8	Resistance to short circuit electric arc
	9	Resistance to molten metals and penetration of hot solids
	K	Resistance to surface damage by fine particles
	N	Resistance to fogging

Eyewear Markings cont.

Markings EN14458	18	Year of manufacture
	=	General use
	⊙	Eye guard
	3-1.2	Scale number
	-20°C	Extremes of temperature to which the eye guard has been tested
	K	Resistance to abrasion
	N	Resistance to fogging
	Ω	Electrical properties
		See supplier's / manufacturer's information

Instructions for use and care

Adjusting the helmet

Loosen the helmet headband by rotating the ratchet knob anticlockwise. Place the helmet on the head and rotate the ratchet knob clockwise to adjust the size. The headband should be as tight as is comfortably possible. To remove the helmet from the head, loosen the headband and then remove the helmet.

Using accessories

The Denali helmet is equipped with safety spectacles that are intended to protect the wearer's eyes from flying particles, dust, and splashed of liquid. When not needed, the spectacles are stored in stand-by position under the helmet's shell. To move the spectacles into the in-use position, pull the tabs on the bottom part of the spectacles and adjust their position. For a better fit, the spectacles can be adjusted in a lower position by pulling down the spectacle sliders on both sides. To move the spectacles back into stand-by position, first push the spectacle sliders up on both sides of the helmet, and then slide the spectacles under the helmet shell.

Use the slots on both sides of the shell for attachment of accessories with Euro slot adaptors.

Please note that the accessories are sold separately.

Chinstraps should be attached to the helmet as follows, if used. First connect the chinstrap to the helmet using one of the slots on the sides of the shell, place the helmet on the head, adjust the headband and insert the other end of the chinstrap to the opposite side of the helmet shell. Position the chinstrap under the chin and pull/release the loose part of the chinstrap to adjust the length. Fix the loose part of the chinstrap with the plastic ring. The chinstrap should fit tightly but comfortably. Press on the tab of the buckle to open the chinstrap and remove the helmet.

Cleaning and disinfection

Clean the helmet and the spectacles with soapy water and a soft cloth. Do not use detergents, solvent-based products, or abrasive materials. The sweat absorbing padding can be easily removed and hand-washed in cold water with a mild detergent.

armourU[®]
personal protection experts

Storage

To extend the lifetime of this product to the maximum: Clean the helmet after each use. Store it in a closed cabinet to prevent extended exposure to cold, heat, humidity, light, and fumes

Warning

Before wearing the helmet, you should perform a detailed inspection of the helmet and check if all its components are in their place and properly fixed. During the inspection, pay special attention to the components listed below that are critical for the safety of the product and replace the product or components, if any of the described conditions are evident:

Suspension – check for cut or broken stitches, abrasions on straps or discoloration

Shell – check for any cracks, dents or deep scratches, deformation from mechanical impact or exposure to heat

Headband – check if cracked or broken, and check that the adjustment system operates correctly

Spectacles, if applicable – Check for any cracks, scratches, bubbles, or deformations on the lens or positioning system, and ensure that the positioning system operates correctly

In the case that any evident damage is discovered in the inspection, the helmet must be disposed of and replaced. The helmet must not be used if it is damaged in any way, incorrectly serviced or if different brand spare parts have been used. Inappropriate use, maintenance or servicing can affect the function of the helmet and can seriously endanger the user's life. The helmet's operability must be checked and verified before each use.

Service life and discard

armourU helmets are very resistant to ageing, with an expected service life of a maximum of 10 years, but only if they are used, stored, maintained, and serviced properly. Exposure to extreme temperatures, strong impacts, chemical products, or aggressive environments have a significant impact on the service life of the product. Inspect and carefully clean the helmet after each use and replace any damaged parts or products. To ensure the optimal service lifetime, please follow the instructions, information and recommendations stated in this user manual. When the helmet or its parts become obsolete or damaged, the helmet and its parts shall be treated as ordinary non-hazardous industrial waste, according to local regulations.



armourU[®]
personal protection experts

(+44) 03300 552 553

info@armourU.com

www.armourU.com