

Kitemark™ Certificate

This is to certify that:

JSP Limited
Worsham Mill
Minster Lovell
Worsham
Witney
OX29 0TA
United Kingdom

Holds Certificate Number:

KM 579403

In respect of:

**Head Protection
Vocational Personal Protective Equipment.**

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:

Shahm Barhom, Group Product Certification Director

First Issued: 2011-09-05

Effective Date: 2022-09-14

Latest Issue: 2022-09-14

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Kitemark™ Certificate

No. KM 579403

Scope

This Kitemark certificate covers various models of safety helmet to the following standards:

BS EN 812:2012+A1:2012, Industrial Bump Caps.

BS EN 397:2012+A1:2012, Industrial Safety Helmets.

BS EN 14052:2012, High Performance Industrial Safety Helmets.

BS EN 12492:2012, Helmets for Mountaineers.

Additional assessments

In order for enhanced product performance to be demonstrated in addition to meeting the requirements of the referenced standards for some products, assessments were made outside the scope of the standard and/or assessments were conducted to the requirements of related standards as follows:

Requirements of BS EN 50365:2002, electrically insulating Helmets for use on low voltage installations,

BS EN 397 shock absorption and penetration optional assessments conducted on samples conditioned at -40°C rather than the -20°C or -30°C specified in the standard.

Limited BS EN 397 based assessments on helmets not to this standard.

The following Product Details include information on any additional assessments for a specific model.

Product Details

Industrial Bump Caps to BS EN 812

Model: HardCap A1+

Shell:	High Density Polyethylene with a Cotton/Polyester Baseball Cap style of covering
Impact/comfort pad:	Foam

Model: HardCap AeroLite

Shell:	High Density Polyethylene with a Polyester Baseball Cap style of covering
Impact/comfort pad:	Brushed Nylon, 5mm foam, Polyester

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Industrial Safety Helmets to BS EN 397 plus BS EN 50365

Model: Invincible EVO2/Mk 2 EVO

Shell:	High Density Polyethylene
Shell options:	Ventilated or non-ventilated Micro (short) or mid (standard) length peak
Cradle:	6 point system with Low or High Density Polyethylene Star
Headband adjustment:	Slip ratchet

Additional Assessments:

Attribute	Product marking symbol
BS EN 397 options Shock absorption and penetration at very low temperature: Electrical properties: Molten metal splash:	-30°C 440V a.c. (1) MM
BS EN 50365 compliance:	Class 0 and Double Triangle (1)

Model: Invincible EVO3/Mk 3 EVO

Shell:	High Density Polyethylene
Shell options:	Ventilated or non-ventilated Micro (short) or mid (standard) length peak
Cradle:	6 point system with textile tapes
Headband adjustment:	Slip ratchet or wheel ratchet

Additional Assessments:

Attribute	Product marking symbol
BS EN 397 based options: Shock absorption and penetration at very low temperature: Electrical properties: Molten metal splash:	-40°C (2) 440V a.c. (1) MM
BS EN 50365 compliance:	Class 0 and Double Triangle (1)

- Notes:**
- (1) Option not applicable to ventilated shell variants.
 - (2) Lower than the BS EN 397 specified temperature.

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Model: Invincible Mk 7

Shell: Shell options:	High Density Polyethylene Ventilated or non-ventilated Short or standard length peak
Cradle:	6 point system with textile tapes
Headband adjustment:	Slip ratchet or wheel ratchet

Additional Assessments:

Attribute	Product marking symbol
BS EN Options Shock absorption and penetration at very low temperature: Electrical properties: Molten metal splash:	-20°C 440V a.c. (1) MM
BS EN 50365 compliance:	Class 0 and Double Triangle

Note: (1) Option not applicable to ventilated shell variant.

Model: Invincible Mk 7 Hi-Temp 150

Shell: Shell options:	Glass Fibre Re-enforced Polyamide Ventilated or non-ventilated Short or standard length peak
Cradle:	6 point system with textile tapes and high temperature webbing clips
Headband adjustment:	Slip ratchet or wheel ratchet

Additional Assessments:

Attribute	Product marking symbol
BS EN Options Shock absorption and penetration at very low temperature: Shock absorption at very high temperature: Lateral deformation: Molten metal splash:	-40°C (2) +150°C LD MM

Note: (2) Lower than the BS EN 397 specified temperature.

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Model: Invincible Evolite

Shell:	Acrylonitrile Butadiene Styrene
Shell options:	Ventilated or non-ventilated Micro (short) or mid (standard) length peak
Cradle:	6 point system with textile tapes
Headband adjustment:	Slip ratchet or wheel ratchet

Additional Assessments:

Attribute	Product marking symbol
BS EN 397 options Shock absorption and penetration at very low temperature: Electrical properties: Lateral deformation: Molten metal splash:	-40°C (1) 440V a.c. (2) LD MM
BS EN 50365 compliance:	Class 0 and Double Triangle (2)

Model: Invincible Evo 6100FB

Shell:	High Density Polyethylene
Shell options:	Ventilated or non-ventilated, full brim
Cradle:	6 point system with textile tapes
Headband adjustment:	Slip ratchet or wheel ratchet
Additional feature:	End user can reverse the harness within the shell to enable the helmet to be worn 'back to front'.

Additional Assessments:

Attribute	Product marking symbol
BS EN 397 based options Shock absorption and penetration at very low temperature: Electrical properties: Molten metal splash:	-40°C (1) 440V a.c. (2) MM
BS EN 50365 compliance	Class 0 and Double Triangle (2)

- Notes:**
- (1) Lower than the BS EN 397 specified temperature.
 - (2) Option not applicable to ventilated shell variants.

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Model: Invincible Force 9 and name only variant Invincible EVO4

Shell:	Acrylonitrile Butadiene Styrene
Shell options:	Ventilated or non-ventilated Micro (short) or mid (standard) length peak
Cradle:	6 point system with Low or High Density Polyethylene Star
Headband adjustment:	Slip ratchet.

Additional Assessments:

Attribute	Product marking symbol
BS EN 397 based options Shock absorption and penetration at very low temperature: Electrical properties: Molten metal splash: Lateral deformation:	-40°C (1) 440V a.c. (2) MM LD
BS EN 50365 compliance	Class 0 and Double Triangle (2)

- Notes:** (1) Lower than the BS EN 397 specified temperature.
(2) Options not applicable to ventilated shell variants.

Model: Invincible Force 9+ and name only variant Invincible EVO5

Shell:	Acrylonitrile Butadiene Styrene
Shell options:	Ventilated or non-ventilated Micro (short) or mid (standard) length peak
Cradle:	6 point system with textile tapes
Headband adjustment:	Slip ratchet or wheel ratchet

Additional Assessments:

Attribute	Product marking symbol
BS EN 397 based options Shock absorption and penetration at very low temperature: Electrical properties: Molten metal splash: Lateral deformation:	-40°C (1) 440V a.c. (2) MM LD
BS EN 50365 compliance	Class 0 and Double Triangle (2)

- Notes:** (1) Lower than the BS EN 397 specified temperature.
(2) Options not applicable to ventilated shell variants.

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High Performance Industrial Safety Helmets to BS EN 14052

Model: Invincible Mk 8 Evolution

Shell:	High Density Polyethylene
Shell options:	Vented and non-vented
Cradle:	4 point system with textile tapes
Headband adjustment:	Wheel ratchet
Liner:	Expanded Polystyrene

Additional Assessments:

Attribute	Product marking symbol
Shock absorption and penetration at very low temperature:	-40°C
Electrical properties:	440V a.c. (1)
Molten metal splash:	MM (1)

Note: (1) Option not applicable to ventilated shell variants.

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Helmets for Mountaineers to BS EN 12492

Model: EvoLite Skyworker

The shock absorption and penetration performance tests were conducted at the lower temperature of -40°C.

Shell:	Acrylonitrile Butadiene Styrene – Vented Shell
Shell options:	Micro (short) or mid (standard) length peak
Liner:	Expanded Polystyrene
Cradle:	6 point webbing system. Available with conventional HDPE webbing clip or MDPE overmoulded clip system.
Headband adjustment:	LDPE and HDPE options with wheel ratchet size adjuster

Additional Assessments:

In addition, the product met requirements of the following standards:

BS EN 50365:2002, electrically insulating helmets for use on low voltage systems.
Classification: Class 0.

BS EN 397:2012+A1:2012, industrial safety helmets, limited assessments, see below.

Attribute	Product marking symbol
BS EN 397 based options:	
Shock absorption and penetration at very low temperature:	-40°C (1)
Lateral deformation	LD
Molten metal splash	MM
BS EN 50365 compliance	Class 0 and Double Triangle

Notes: (1) Lower than the BS EN 397 specified temperature.

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Helmets for Industrial Safety and Working at Height to BS EN 12942 and EN 397

Model: Evo 5 Dualswitch

The shock absorption and penetration performance tests were conducted at the lower temperature of -40°C.

Shell: Shell options:	Acrylonitrile Butadiene Styrene – Vented Shell Micro (short) or mid (standard) length peak
Liner:	EPP
Cradle:	6 point webbing system. Available with webbing clip
Headband adjustment:	LDPE with wheel ratchet size adjuster.
Chin strap:	4 Point webbing system with a two part integral chin strap, this incorporates an inline switchblade anchorage point which is set to the required standard (EN 397:2012 + A1:2012 or EN 12942:2012) position before donning and use of the helmet.

Additional Assessments:

In addition, the product met requirements of the following standards:

BS EN 50365:2002, electrically insulating helmets for use on low voltage systems.

Classification: Class 0.

BS EN 397:2012+A1:2012, industrial safety helmets.

Attribute	Product marking symbol
BS EN 397 based options: Shock absorption and penetration at very low temperature:	-40°C (1)
Lateral deformation	LD
Molten metal splash	MM
BS EN 50365 compliance	Class 0 and Double Triangle

Notes: (1) Lower than the BS EN 397 specified temperature.

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Helmets for Mountaineers to BS EN 12492

Model: EVO® VISTA® Skyworker™

The shock absorption and penetration performance tests were conducted at the lower temperature of -40°C.

Shell:	Acrylonitrile Butadiene Styrene – Vented Shell
Liner:	EPP
Cradle:	6 point webbing system with MDPE overmoulded clip.
Headband adjustment:	LDPE and HDPE options with wheel ratchet size adjuster

Additional Assessments:

In addition, the product met requirements of the following standards:

BS EN 50365:2002, electrically insulating helmets for use on low voltage systems.
Classification: Class 0.

BS EN 397:2012+A1:2012, industrial safety helmets, limited assessments, see below.

Attribute	Product marking symbol
BS EN 397 based options: Shock absorption and penetration at very low temperature:	-40°C (1)
BS EN 50365 compliance	Class 0 and Double Triangle

Notes: (1) Lower than the BS EN 397 specified temperature.

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