

CE 0159



## CLIMAX 5-RS SAFETY HELMET

*The Climax 5-RS safety helmet has been designed and manufactured to ensure optimal impact protection from objects such as stones, roofing tiles, bricks and other items of similar weight as well as from electrical discharges up to 440 Vac. The Climax 5-RS safety helmet ensures effective protection at temperatures ranging from 50°C to -30°C. The varying characteristics of the possible uses and potential users have been considered in the helmet finish in order to provide the highest level of protection without hindering the user's regular activities.*

### Description and Features

The 5-RS safety helmet is composed of a helmet shell and harness and is manufactured of sturdy, lightweight materials that are non-hazardous for the health and hygiene of the user.

#### Helmet shell

The helmet shell is manufactured of high-density injected polyethylene. The shell surface is smooth, with twin ribs along the length and a solid rib of triangular cross-section that provide greater rigidity to the helmet. The helmet also has a visor in the middle and a water rim around the remaining perimeter. The interior of the shell contains six housings to attach the harness.

#### Harness

The harness is manufactured of injected linear polyethylene with high impact absorption capacity. The harness contains a head strap, neck strap and six buffering straps. The head strap is covered in the front with a fabric sweat band. The neck band has two rows with 23 holes each to adjust for different sizes. The height can be adjusted with three different positions, with three holes in each of the front and rear buffering straps.

### Spare parts

Spare helmet harnesses and sweat bands are available separately.

### Packaging

Individual cardboard box with data sheet.  
 Box of 60 units: Sizes 73x55x47 mm  
 Gross Weight 26.5 Kg

### CE certification

Standards: UNE-EN 397: 1995  
 Directive 89/686/CEE  
 Control agency no. 0159  
 Certificate no. 31205299

### Applications

Ideal for working all day in areas susceptible to falling objects and electrical discharges up to a voltage of 440 Vac, providing full, long-lasting protection.

### Technical properties

• Weight	347 g
• Size	52 - 61
• Impact absorption (F<5 kN)	
High temperature (50 °C)	1.53 kN
Low temperature (-10°C)	3.00 kN
Very low temperature (-30°C)	3.65 kN
Immersion in water	1.95 kN
Artificial ageing	2.11 kN
• Perforation resistance	
High temperature (50 °C)	NO PERFORATION
Low temperature (-10°C)	NO PERFORATION
Very low temperature (-30°C)	NO PERFORATION
Immersion in water	NO PERFORATION
Artificial ageing	NO PERFORATION
• Electrical insulation (I <sub>f</sub> < 1.2 mA)	<0.001 mA
• Flame resistance	SATISFACTORY

