

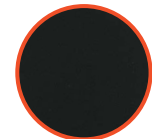
# Aussie Rider® Eventer |

**CONEHEAD™**



## FEATURES

- Certified to AS/NZS 3838 : 2006
- World leading **CONEHEAD™** EPS technology
- Easy adjust Dial-up head cradle
- Flow through ventilation, genuine ventilation in a show ring helmet
- COOLMAX® padding and mesh for superior sweat absorption
- Easy adjust harness with comfort sleeve
- Sizing padding for ideal fit
- Independently batch tested



Matt Black



Easily visible  
AS/NZS 3838  
Certification label

Model # AC  
Colours Black  
Sizing Medium 55-58cm  
Large 58-60cm | X-Large 61-64cm

The world-leading Australian **CONEHEAD™** impact absorbing EPS Technology is finally available in an equestrian helmet in Australia. Conehead Technology® - British Invention Society, World Invention Award Gold Medal 2012, Eurobike Best Designed helmet 2012, ABC TV - The New Inventors – Invention of the Year



Aussie Rider Safety P/L 113 Derby St, Tullamarine 3043 | ph 03 9330 3448 | sales@aussierider.biz



# CONEHEAD™

The Aussie Conehead®, incorporates the patented Conehead® Impact Absorbing EPS Technology

## How **CONEHEAD™** Impact Absorbing Technology works

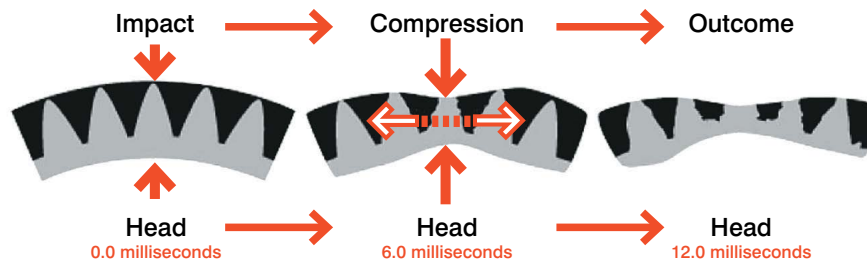
In the diagram below, the equestrian helmet EPS foam liner is made of two density layers. The outer layer, which is the black part, is made of high density foam and has cones facing inwards. The inner layer, the grey part which is close to the head, is made of softer low density foam and has cones facing outwards.

In the diagram, compression refers to when the cross-section of the foam liner is subjected to an impact force. The impact force, as indicated by the downward arrow, is pushing towards the head and causes the outer layer to compress. As a result, the impact energy spread outwards which in turn causes the tops of the lower density cones (the grey cones) to compress. The collapsing of the cones causes the energy to spread sideways within the thickness of the foam liner instead of towards the head. The dispersion of the energy sideways prevents the impact energy to be translated through to the brain.

At the same time, the head is travelling in the opposite direction, as indicated by the arrow pointing upwards. As a result, the head causes the tops of the cones (the black cones) of the outer layer of high density foam to compress and therefore, once again, the energy is spread sideways. So the aim is to spread the energy sideways away from the head and brain.

Also, the fact that the head is continually pushing into higher density foam allows the head to gradually slow down or other words gradually decelerate. The result is a lower g-force to your head.

The following diagram shows the **CONEHEAD™** technology equestrian EPS foam liner in action.



Australian Inventor of **CONEHEAD™** Technology, Don Watson receiving his British Invention Society World Innovation Award Gold Medal in 2012

## DIAL-UP FITTING SYSTEM



Easy action dial-up fitting system allows quick, comfortable and ideal fit.



COOLMAX® comfort and mesh allows moisture to be wicked away from the head. And combined with flow-thru ventilation - you get a much more comfortable ride.



Great design, great looks  
- better comfort and ventilation



By incorporating **CONEHEAD™** Impact Absorbing Technology at the design phase with the other essential equestrian elements of traditional good looks, crown feature panel and modern fit and ventilation, the Aussie **CONEHEAD™** is the best all round choice for you.