WE CLAIM:

1. A trauma resistant anti-ballistic helmet comprising:

a shell composed of a plurality of helmet pre-forms;

characterized in that,

a pair of first Back Face Deformation Shield (BFDS) is disposed on an operative front portion and an operative rear portion of an operative inner surface of said shell along a major axis of said helmet;

an anti-ballistic sheet is disposed over said pair of first BFDS covering at least a portion of said shell; and

a pair of second Back Face Deformation Shield (BFDS) is disposed over said anti-ballistic sheet on the operative front portion and the operative rear portion and disposed over said pair of first Back Face Deformation Shield (BFDS).

2. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein said pair of first Back Face Deformation Shield (BFDS) and said pair of second back face deformation shield (BFDS) are composed of at least one of a light alloy metal, a non-metallic material, a non-metal laminate, a laminated fabric, an anti-ballistic fabric, a woven fabric, a needle punched fleece and a UD fabric, of a shape selected from the group consisting of a rectangle, an oval, a square, a trapezoid, an ellipse, a circle, a hexagon, and a triangle.

3. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein said pair of first Back Face Deformation Shield (BFDS) and said pair of second back face deformation shield (BFDS) are disposed on the operative front portion and the operative rear portion of said shell by at least one of fusion, weld, adhesion, weaving and molding.

4. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein said anti-ballistic sheet is composed of at least one of an anti-ballistic woven fabric sheet, an anti-ballistic needle punched fleece, a UD fabric sheet, an aramid pin wheel, a plurality BFDS layers and a non-ballistic material.

5. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein said anti-ballistic sheet is disposed over said pair of first Back Face Deformation Shield (BFDS), configured at least in one of a shape of a square, a rectangle, an ellipse, a circle, and a triangle.

6. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein said anti-ballistic sheet is configured in a shape of a flower.

7. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein in edges of said pair of second Back Face Deformation Shield (BFDS) are disposed with high density cushioning material as a coating or an edging.

8. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein said pair of second Back Face Deformation Shield (BFDS) is composed of at least one of light alloy metal, a non-metallic material, a laminated fabric, a non-metal laminate, a ballistic woven fabric, needle punched fleece, a UD fabric.

9. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein said pair of second Back Face Deformation Shield (BFDS) is of a shape selected from the group consisting of a rectangle, an oval, a square, a trapezoid, an ellipse, a circle, a hexagon, and a triangle.