WE CLAIM:

1. A trauma resistant anti-ballistic helmet comprising:

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

at least one first Back Face Deformation Shield (BFDS) disposed on at least one of an operative front portion, an operative rear portion and at least a portion of a periphery of said shell;

an anti ballistic sheet disposed over said at least one first BFDS covering at least a portion said shell; and

at least one second Back Face Deformation Shield (BFDS) disposed over said anti ballistic sheet on at least one of an operative front portion, an operative rear portion and at least a portion of said periphery of said shell.

2. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein said at least one first Back Face Deformation Shield (BFDS) is disposed on any portion of the said shell or on an entire periphery of said shell.

3. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein said at least one first Back Face Deformation Shield (BFDS) is disposed on at least one of the operative front portion and the operative rear portion of said shell along a major axis of said helmet.

4. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein a pair of first Back Face Deformation Shield (BFDS) is disposed on the operative front portion and the operative rear portion of an operative inner surface of said shell.

5. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein said at least one first back face deformation shield (BFDS) is composed of at least 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 rectangular, oval, square, trapezoidal, elliptical, circular, hexagonal, triangular and a peripheral strip.

6. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein said at least one back face deformation shield (BFDS) is disposed on at least one of the operative front

portion, the operative rear portion and at least a portion of a periphery of said shell by at least one of fusion, weld, adhesion, weaving and molding.

7. 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.

8. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein said anti-ballistic sheet is disposed over said at least one first Back Face Deformation Shield (BFDS), configured at least in one of a shape of a square, a rectangular, an elliptical, a circular, a triangular and a strip.

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

10. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein the said at least one second back face deformation shield (BFDS) is disposed on any portion or on entire periphery of said shell.

11. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein the said at least one second back face deformation shield (BFDS) is disposed adjacent to or over said at least one first back face deformation shield (BFDS).

12. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein in edges of the said second back face deformation shield (BFDS) are disposed with high density cushioning material as at least one of a coating and an edging.

13. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein said at least one 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.

14. The trauma resistant anti-ballistic helmet as claimed in claim 1, wherein the at least one second Back Face Deformation Shield (BFDS) is of a shape selected from the group consisting of rectangular, oval, square, trapezoidal, elliptical, circular, hexagonal, triangular and a peripheral strip.

15. The trauma resistant anti-ballistic helmet as claimed in claim 4, wherein a pair of a second back face deformation shield (BFDS) is disposed over said anti-ballistic sheet on the operative front portion and the operative rear portion of said shell and disposed over said pair of first back face deformation shield (BFDS).