

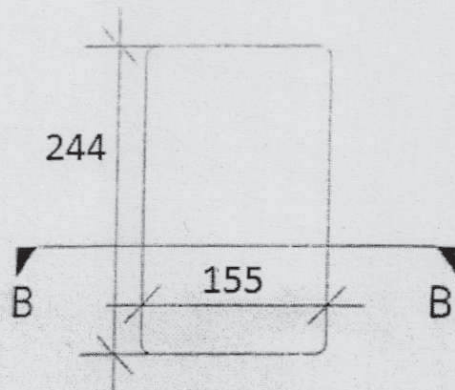
### TECHNICAL SPECIFICATION FOR ITEM NO. 4

Item code	Item description
2111657081	<p>SILICON CARBIDE CERAMIC ARMOUR PLATE SIDE - LARGE</p> <p>SPECIFICATION:</p> <p>MATERIAL: SILICON CARBIDE</p> <p>DENSITY: 2.8 TO 3.2 g/cc</p> <p>THICKNESS: 7.5 +/- 3 mm</p> <p>FRACTURE TOUGHNESS: 2.8 TO 4.3 MPa/M2</p> <p>ROCKWELL HARDNESS: MIN. 75 RHA</p> <p>MODULUS OF ELASTICITY: 200 TO 300 GPa</p> <p>MODULUS OF RUPTURE: @RT - 150 TO 180 MPa  @1400 DEGREE CELCIUS - 170 TO 200 MPa</p> <p>CERAMIC PLATE SHALL BE FREE FROM CRACKS AND SURFACE DEFECTS</p> <p>DIMENSON: AS PER DRAWING ENCLOSED</p>

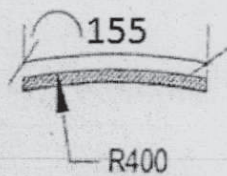
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TECHNICAL PARTICULARS ON  
HOST

Drawing for Ceramic Armour Plate Side Large:

Drawing No: OCFAV/Ceramic/S/L001



ELEVATION



SECTION AT A-A



Note:

Area : 0.0377 M<sup>2</sup>

Length and Width of the plate mentioned is for guiding purpose only for arriving the Area.

All Dimensions are in mm.

*Asp*  
JtGm/TC