

TECHNICAL SPECIFICATION FOR ITEM NO.3

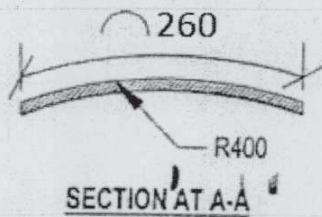
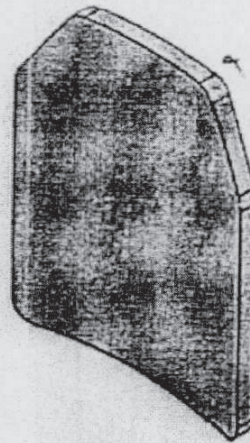
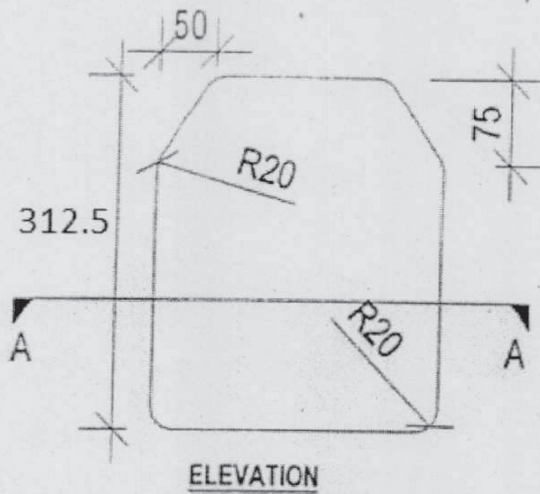
Item code	Item description
2111657079	<p>SILICON CARBIDE CERAMIC ARMOUR PLATE FRONT/BACK - LARGE</p> <p>SPECIFICATION:</p> <p>MATERIAL: SILICON CARBIDE</p> <p>DENSITY: 2.8 TO 3.2 g/cc</p> <p>THICKNESS: 7.5 +/- 3 mm</p> <p>FRACTURE TOUGHNESS: 2.8 TO 4.3 MPa/M2</p> <p>ROCKWELL HARDNESS: MIN. 75 RHA</p> <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>DIMENSION: AS PER DRAWING ENCLOSED</p>

VETTED FOR
TECHNICAL PARTICULARS
H.05.

ENCLOSURE TO TECHNICAL SPECIFICATION FOR ITEM NO.3

Drawing for Ceramic Armour Plate Front/Back - Large :

Drawing No: OCFAV/Ceramic/F/L001



Note:

Area : 0.0772 M²

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

All Dimensions are in mm.

Signature
JTGm/TC