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IMMERSIVE DISPLAY GROUP

Bringing imagery to life

4 metre PanaDome

Product Features

Dome Construction:

Our Domes are manufactured to the highest standards with experienced engineers specialising in Dome construction.

The Domes can be manufactured from a range of materials and to specifications tuned to Dome size, shape and use including very light but stiff construction for use on motion platforms.

The standard construction:

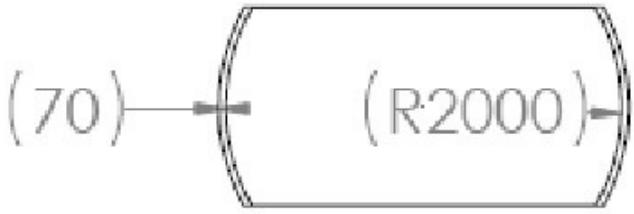
Two layers of polyester gel coat, covered with multiple layers of woven glass fibre, sandwiched between chopped strand matt using a polyester resin matrix.

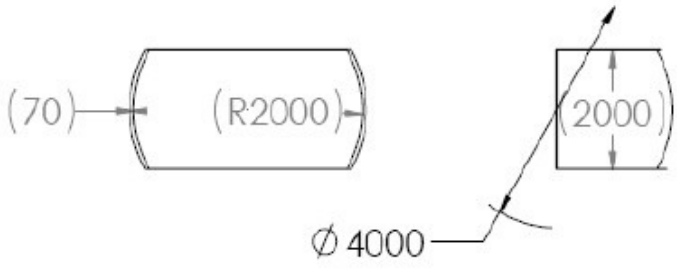
Extra laminate is placed in high load areas and at bolting positions for added strength. The laminate is placed down and consolidated by hand to ensure consistency of wall thickness and to eliminate air pockets. The laminate is then finished with a polyester flow coat.

Custom finishes include:

Carbon fibre/ foam sandwich construction using an epoxy resin matrix that is vacuumed bagged down to give 14 psi of consolidating pressure. This typically gives a 70% weight saving over the standard construction and increases the overall stiffness. The inside and outside surfaces are then finished with a polyurethane paint system.

Our surfaces are textured and coloured to allow maximum display capability for given projection brightness, contrast and content.





This dome height can be varied from 160cm to 300cm