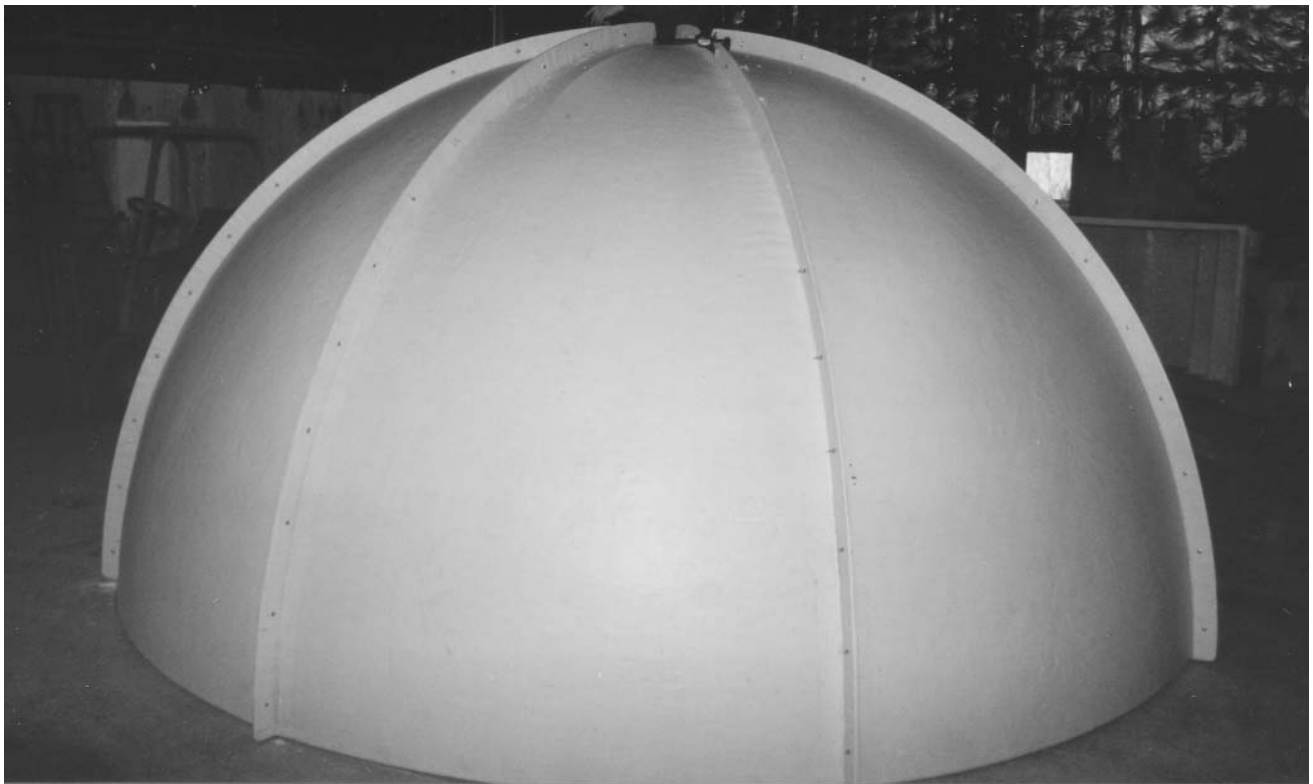
We have applied the same manufacturing techniques used to create our top of the line Polaris Observatory Domes to create the PL16 planetarium dome described in this brochure. The domes are created from carefully crafted molds to provide accurate and smooth spherical surfaces. The nature of the design allows the assembly of the dome without special equipment. The PL16 dome is designed to be suspended from the structure of a building and may be built-in with wallboard for cosmetic effect.

MMI Corporation
2950 Wyman Parkway
PO Box 19907
Baltimore, MD 21211
Ph. 410-366-1222
Fax 410-366-6311
email: mail@mmicoporation.com
www.mmicoporation.com

PL16 Features

- ❑ Flexible installation
- ❑ Dome of 16 ft. internal diameter
- ❑ Textures exterior: off-white
- ❑ Smooth molded interior, white gelcoat
- ❑ Industrial quality fiberglass throughout
- ❑ Dome composed of 8 gores bolted together
- ❑ Vertical external flanges, 4 inches wide
- ❑ Horizontal internal flanges, 4 inches wide
- ❑ Zenith opening 24 inch diameter
- ❑ Dome weight 650 pounds (aprox. 2200 pounds crated)



Product Description

The PL16 is constructed from 8 sections, or gores. The sections bolt together with stainless steel bolts (provided) through the outward vertical flanges. The "equator" of the dome features an inward flange which can be used to support lighting or projectors, as needed.

The spherical inner surface is a smooth white gelcoat and is suitable for direct projection. The joints between the gores are normally filled with caulk or spackle. The fiberglass construction provides excellent sound insulation from outside the dome. Although not necessary for function or appearance, the dome surfaces may be painted, as desired.

At the top of the dome is an hexagonal opening of about 14 inches in diameter. This opening allows access to the top outside of the dome, thus simplifying assembly. The access hole is normally covered with a flush-fitting fabricated part (supplied). Ventilation and/or sound systems can be fitted into this opening.

The outer vertical flanges also provide the means by which the dome is hung from the ceiling. In addition, the dome may be easily built into a ceiling, using any standard building technique, such as framing and wallboard.

Installation

Installation of the dome can be performed in place by two experienced persons in about a day without cranes, fiberglassing or special tools. Subsequent disassembly or assembly will take about three hours.

Pricing

PL16 16' diameter dome of eight sections plus cap. Includes hardware and instructions for assembly: Please refer to current price sheet or call us for a quotation to include crating and shipping.

PL16 16 FT. PLANETARIUM DOME
FROM MMI CORPORATION

The PL16 planetarium dome is designed for use in educational institutions and especially for the stationary version of our CosmOdyssey planetarium projector and may be used with similarly designed star projectors of other manufacturers. This dome is suspended from the building structure and it may be optionally enclosed with a wallboard structure to give it a professional built-in appearance.