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# UNICELL

Slow-Speed Injection  
Mold Construction

## Accessory Installation

# Slow-Speed Injection Mold Construction

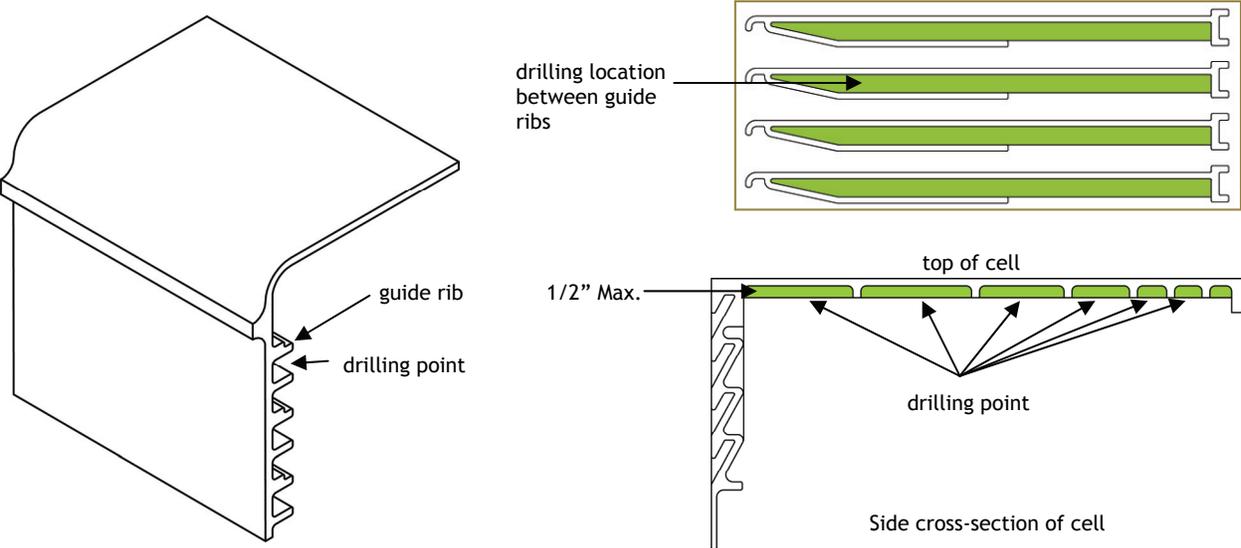
The Unicell modular cell construction is molded polystyrene. The low pressure foam molded polystyrene provides structural strength, rigidity, durability and lightweight characteristics. The cells are finished with a high performance polyurethane coating which provides outstanding physical and chemical resistance against abrasion, staining and corrosion.

Slow-speed Injection mold construction provides a very heavy-duty, solid structural unit which can support more weight than the high-speed injection molding systems which tend to fracture, compromising longevity and structural integrity.

Structural foam molding can be defined as a plastic product having walls with a solid skin around a cellular core. The solid skin is supported by the interior cellular foamed structure. A component produced in this way such as a Unicell storage cell results in a heavy cellular structure similar to a wood product. It is this structure that gives Unicell structures their unique strength and durability.

### Adding Accessories to the Cell

Low pressure foam molded cells have the unique advantage of allowing you to cut, screw and drill into the walls of a Unicell cell for accessory modification without compromising the structural integrity of the unit.



### Adding Accessories:

It is important to know that penetrating a Unicell cell will not weaken the unit, nor will the polystyrene material absorb any liquids, but it is important to consider the infection control and cleaning requirements for the intended environment that this product will be in.

All penetrations into the cell wall must be located at particular locations as to not conflict with the movement of the cell's interior components such as adjustable trays and shelves.

Carefully locate the point of drilling for the hole below the Guide Rib (see cut-a-way diagram). Location is at your option, depending on the size of accessory and number of holes required.

If adding accessories to the top of a cell, make sure to locate your intended hole location between the interior ribs. It is also important to note that any accessory mounting components must not be longer than 1/2" on the interior of the cell or it will conflict with the cell enclosure or the cell interior components.

For additional information regarding accessory installation, please call (800) 718-2347 and ask for Unicell Customer service.