



Unicell[®]

Environmental Objectives & Practices

Performance and sustainability are not mutually exclusive.

- UL Greenguard Certification
- Sustainable Product
- Internal Processes
- Business Practice Stewardship



UNICELL[®]
thinking healthcare[™]

UL GREENGUARD Indoor Air Quality Certified®

Unicell has achieved certification for low chemical emissions to contribute to more healthful indoor environments.

Sustainable Product

Materials

Virgin Polystyrene (Structural Foam Molding Process)

Re-grind - The molding process to manufacture structural foam, the core product for Unicell Cells and other Unicell components, generate a small amount of off-cuts (fewer than 10% compared to usable product produced). 100% of this material is reintroduced as re-grind into the material stock.

Off gas - no volatile gases are emitted during the manufacturing process. The type of gas expelled is nitrogen, originating from the blowing agents used. All gases are emitted from the cells within 72 hours after production completion.

Recyclable Material - Structural foam is 100% recyclable where facilities exist, the recycling distributor will often administer the entire procedure. In the absence of recycling facilities, Unicell product is very often represented by secondary distribution/resale due to the product's longevity and durability.

Non-PVC choice - 99.9% of Unicell products do not contain PVC material. In pursuit of a 100% PVC free product line, we are proceeding forward to evaluate an ABS alternative for our remaining component that contains PVC.

Product Modularity

Reconfiguration ability - Unicell products adopts a system of modular logic. Components easily facilitate rearrangement according to changes in function, use, and location. This flexibility eliminates rebuild using traditional millwork.

Ease of expansion/re-use - Minimal disruption to infrastructure is achieved by ease of product mobility, non-permanent installation, and re-assignment of use. In other words, the age old problem of 'build-demolish-build' is minimized.

Product Longevity

Structural foam durability - Will not chip, rust, or dent to save time and costs of repair or replacement compared to millwork. As the product can be disinfected by automated washing or steam wand, the amount of chemicals required to achieve disinfection is reduced.

Lifetime Warranty - We consider our products to have an indiscernible life span, as many of our products produced since our inception in 1979 are still in use today. We guarantee our molded products against material or workmanship defects for the life of the product.

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Internal Processes

Recycling

At Unicell we continue to recycle scrap and off cut metal, wood, paper and cardboard as routine process to reduce the burdens to the local landfill sites.

Unicell is part of a group of five cohesive companies all operating within the same recycling process.

Water-based coating

The VOC (volatile organic compounds) content of a water-based coating is 0.32 pounds per gallon, compared to 5.9 pounds per gallon for solvent-based coating. Health and safety requirements in worker handling is therefore significantly reduced.

Shipping by pre-assembly

Each of the cells are pre-assembled with enclosures and interior components as per project specifications. In essence, some Unicell components share packaging space and therefore reduce the amount of packaging required. And when considering how durable any Unicell component that uses polystyrene structural foam is, the need for extra, bulky packaging material to protect product during shipping is significantly reduced. This results in lower overhead cost and reduces packaging waste.

Cell and Accessory Re-coating Program

It is estimated the color trends change every seven years. In order to maintain an 'up-to-date' aesthetic appearance, it can be costly and wasteful for facilities to purchase new product strictly based on visual change. Unicell offers products which can easily be re-coated without compromising product performance.

Unicell assists your local dealer in facilitation of the recoating process within a local context thus reducing shipping of the core product to the Unicell plant.

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Business Practice Stewardship

We engage in specific business practices with the goal of benefiting clients, dealers, internal members, vendors and suppliers, local community, and the natural environment.

- By adopting an attitude of re-evaluating our internal processes to streamline and innovate, ways of economizing materials, time, costs can significantly help reduce waste.
- Unicell is committed to continuing its product development in line with the benefits of modularity and longevity. High performance product contributes to a high performance healthcare facility by reducing waste, saving resources, and helping create a sustainable user environment.
- We take into consideration environmentally friendly options when making all purchasing decisions.
- As healthcare is the foundation for our market, Unicell values the health and well-being of its employees by addressing health and safety issues as well as corporate culture.
- A main component to our sales distribution chain is a dealership program. Throughout North America we have a wide geographical span of Unicell representation that can easily engage in person-to-person contact with their local market. This helps reduce Unicell's environmental footprint.



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