

# QWIK GUIDE: Florida EPS Markets

## UNIQUE CREDENTIALS

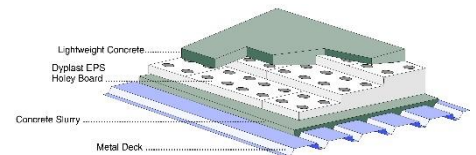
Dyplast® manufactures Expanded Polystyrene (EPS) products to serve the Southeast U.S., with the most vibrant markets in Florida - where our factory and business operations are centered. Dyplast manufactures EPS blocks using a molding process to achieve densities of 1.0, 1.25, 1.5, and 2.0 lb/ft<sup>3</sup>. Dyplast's production capacities allow us to meet market demands for large or small volume projects. In addition, Dyplast has extensive fabrication capacity and considerable staff expertise to fabricate the blocks into sheets or virtually any shape utilizing computer-aided-design (CAD).

## PRODUCTS

**EPS Insulation:** Sheet insulation for structural lightweight insulated panels with steel or aluminum laminates - or unfaced flat insulated boards, readily fabricated to meet specific design and dimensional requirements. Our EPS insulation has excellent R-value-to-cost ratios, suitable for a host of residential and commercial applications for temperatures up to 167°F, including cold storage and building applications.



**Holey-Board:** Thick rectangular sheets, typically with 8 holes per board, are engineered for lightweight insulated concrete (LWIC) roofing applications where the Holey-Board becomes the roof's surface onto which the lightweight concrete is poured. Holey-Board offers a long-term, stable R-value and has excellent dimensional stability, and compressive strength.



**GeoFoam:** Large EPS rigid foam block, typically used as a light-weight/high-strength structural replacement for soil or other fill in geo-technical projects, or as structural alternatives in applications such as stadium seating and swimming pool/deck foundations in hi-rise hotels that can reduce structural requirements. Examples include highway base, bridge approaches, embankments, loading docks, dams & backfill, and other. Low hydraulic conductivity, excellent strength, and deformation properties exceed natural soil behavior. Dyplast GeoFoam is approximately 1% of the weight of most sandy and/or average moisture soils.



**Packaging:** Leveraging our considerable existing sheet manufacturing capacity, Dyplast can customize sizes to tightly fit as inserts into packaging applications, while also selecting optimal density, strength, cushioning, and thermal insulating values. Dyplast EPS packaging is ideal where both cushioning and thermal insulation must be optimized for protection of fragile and temperature sensitive shipments.



**Architectural Shapes:** A cost-effective alternative to wood, plastic, and concrete, our architectural foam is lightweight, moisture-resistant and suitable for interior/exterior residential or commercial applications, from architectural decorative beams, columns, arches, balusters, moldings, etc. CAD design/manufacture provide for a large archive of existing shapes plus the ability to respond to special needs.



**Composite Foam Cores:** EPS foam cores come in various configurations and densities, including unfaced flat sheets, tapered panels, routed edges, and/or virtually any other custom shape - easily fabricated to meet specific design and dimensional requirements. Lightweight and durable, it is easily stored, handled, or re-configured. Costs less than competitive composite substrates while delivering comparable value.

**Concrete Forms:** Commercial and sometimes residential construction require *forms* over or within which concrete can be poured to achieve the desired shape without building a time-consuming wooden arch, opening, penetration, fill, or complex pond shape. Dyplast's concrete forms can be designed for reusable, sacrificial, or embedded applications.