



# DuraEIFS™ FA100

Insulation & Architectural Shapes



DuraEIFS™ is engineered expanded polystyrene rigid insulation for EIFS or Stuccos systems. DuraEIFS can be readily fabricated into a variety of configurations to afford a higher degree of freedom in architectural design considerations. It is ideal for exterior installation, in both new construction and in retrofit applications.

- *Excellent surface bonding*
- *Low water absorption*
- *Retains R-value*
- *Vast design possibilities*
- *Cost effective*
- *Easy to handle, install and cut*
- *Durable and lightweight*
- *Compatible and approved in most EIFS systems*
- *Environmentally friendly containing no HFCs*

**Best Value  
Rigid Insulation**

[goplymouthfoam.com](http://goplymouthfoam.com)



**State Approved  
Code Compliant**

**Plymouth Foam  
1800 Sunset Dr.**

**Plymouth, WI 53073**

**920-889-0021**

**800-669-1176**

**[goplymouthfoam.com](http://goplymouthfoam.com)**

Contact

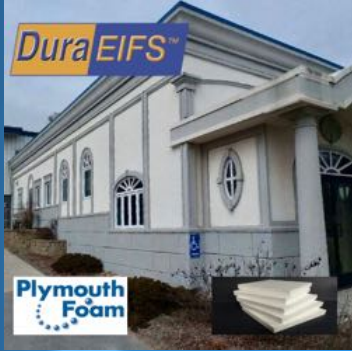
**John Calkins 920-889-0021    [John@goplymouthfoam.com](mailto:John@goplymouthfoam.com)**

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## DuraEIFS FA100 Physical Properties

Physical Properties		ASTM Test Method
Nominal Density	1.0 pff	C303 or D1622
Thermal Resistance R-Value @40° F	4.17/in	C177 or C518
Thermal Resistance R-Value @75° F	3.85/in	C177 or C518
Compressive Strength	10 psi	D1621
Water Vapor Transmission	2.0 -5.0 perm in	E96
Water Absorption (% by volume)	4.0	C272
Flame Spread	16.00	E84
Smoke Development	95-125	E84

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R-Value ASTM C117, C518		
Thickness	R-Value @ 40°	R-Value @ 75°
3.0"	12.51	11.55
2.5"	10.43	9.63
2"	8.34	7.70
1.5"	6.26	5.78
1"	4.17	3.85
.75"	3.13	2.89

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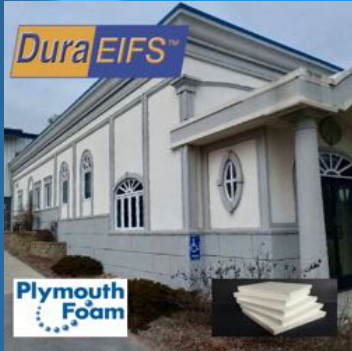
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## Exterior Insulation Finish System



### Engineered



**Engineered Expanded Polystyrene (EPS)** rigid insulation is the most cost effective EIFS insulation. Engineered EPS is lightweight, durable and very versatile. DuraEIFS Insulation can be formulated to provide a wide range of engineering properties for most projects needs.

### *Advantages of Plymouth Foam High Quality EPS*

Plymouth Foam incorporates high quality, high speed manufacturing technology for its expanded polystyrene building products. Along with our highly refined manufacturing capabilities comes our drive for precision and dedication to high quality products.

- **Long-Term Stable R-Value** - DuraSpec R-Value stays consistent providing a huge financial benefit for years.
- **Moisture Resistance** - DuraSpec EPS is closed cell and In field studies has been shown to absorb less moisture than previous considered.
- **Moisture Management** - DuraSpec EPS has the ability to rapidly release absorb moisture.
- **Non-Leaching** - DuraSpec EPS does not leach or release any harmful chemical into the soil or ground water.
- **100% Recyclable** - DuraSpec EPS has the huge advantage of being recycled over and over into various products.
- **Cost Effective** - DuraSpec EPS has been shown to be the most cost effective rigid insulation in cost per R-value board foot.
- **Lifetime R-Value Limited Warranty** - DuraSpec EPS is so confident in its product, we offers the industries best warranty.
- **Made in Wisconsin** - DuraSpec EPS is proud to see that we are manufactured in Wisconsin providing jobs for the local economy.

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Rigid Insulation**

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