

JOB NAME \_\_\_\_\_  
ARCHITECT \_\_\_\_\_  
ENGINEER \_\_\_\_\_  
CONTRACTOR \_\_\_\_\_  
LOCATION \_\_\_\_\_

**SUBMITTAL SHEET**  
Form Number TUIN0F.0 Effective Date 9/12  
NEW



## 1/2" Cellular (Fiber Free) Insulation Submittal



### Physical Properties

---

Material	Engineered Polymer Foam Insulation
Thickness	1/2 inch
R-Value	2.0 @ 75° F
Density	1.5 lbs / ft <sup>3</sup>
Thermal Conductance (K)	0.25 BTU-in/hr-(ft) <sup>2</sup> -f @ 75F
Maximum Operating Temperature	200°F / (93°C)
Maximum Air Velocity	2500 FPM
Flame Spread	Less than 25
Smoke Density	Less than 50
Air Erosion	None
Mold Growth and Humidity	None
Edge Treatment	None Required

### Code Compliances

---

NFPA 90A & 90B	Appliances
UL 181	Air Erosion / Mold Growth and Humidity
UL 723	Flame / Smoke (25/50)
ASTM E 96	Water Vapor Transmission
ASTM E 84	Flame / Smoke (25/50)
NFPA 255	Flame / Smoke (25/50)
ASTM C 177	Thermal Resistance
ASTM C 209	Water Absorption
ASTM D 1171	Ozone Resistance