BENCHMARK FOAM INC.

Quick response is our guarantee.

Type II Technical Data

Type II EPS

Benchmark Foam EPS (expanded polystyrene) is a cost-effective, durable and energy efficient solution for all types of insulation applications. Type II Benchmark Foam EPS can be used in several applications, including bridge embankments, commercial roofing, perimeter insulation, under concrete slabs and much more.

Benchmark Foam adheres to the strictest industry standards, including ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation." If industry standards are not good enough, we create our own - enabling us to exceed typical expectations.

The EPS produced by Benchmark Foam offers advantages in energy efficiency, mold resistanceand indoor environmental quality.

For more information,
call 800-658-3444 or
visit www.BenchmarkFoam.com

In 1988, we named our company Benchmark Foam because we believed our teamwork, quality and service would be the standard by which other companies in our industry should be measured. We are serious about our customers, our products and our promises, and we diligently strive to surpass our own standards every day.

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Benchmark Foam EPS Properties			
Nominal Density ASTM C303		lb/ft³	1.5
Density, min. ASTM C303		lb/ft³	1.35
R-Value[1] Thermal Resistance per 1.0 in thickness ASTM C518	25°F	°F.ft².h/Btu	4.76
	40°F	°F.ft².h/Btu	4.55
	75°F	°F.ft².h/Btu	4.17
k-Value[1] Thermal Conductivity ASTM C518	25°F	Btu.in/ °F.ft².h	0.217
	40°F	Btu.in/ °F.ft².h	0.227
	75°F	Btu.in/ °F.ft².h	0.250
Compressive Strength @ 10% deformation, min. ASTM D1621		psi	15
Flexural Strength, min. ASTM C203, Procedure B		psi	35
Water Vapor Permeance of 1.0 in. thickness, max., perm ASTM E96			3.5
Water Absorption by total immersion, max., volume % ASTM C272			<2.0
Oxygen Index, min., volume % ASTM D2863			24
Maximum recommended long-term exposure temperature			167°F
Flame Spread ASTM E84			<20
Smoke Development ASTM E84			300

MADE IN THE USA

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