



## StarRFoam

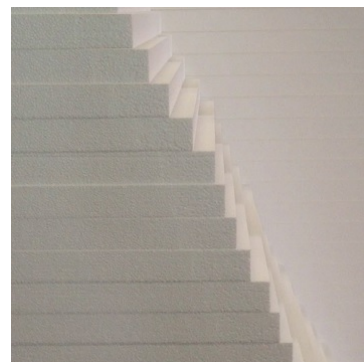
**StarRFoam** is a lightweight, closed cell, rigid insulation manufactured from expanded polystyrene (EPS). It is available with reflective metallic, clear, and white facers. StarR Fan Fold meets or exceeds ASTM C578, Standard Specification for Rigid, Cellular, Polystyrene Thermal Insulation.

## APPLICATIONS

- Geofoam
- Sheathing
- Packaging
- Void fill
- Road base
- Cavity Walls
- Retaining walls
- Docks and piers
- Exterior insulation
- Underslab insulation
- Split slab insulation
- Below grade insulation
- Interior wall insulation
- Finishing systems (EIFS)
- Pre-cast concrete panels
- Custom computer cut shapes
- Tilt-up concrete insulation
- Ramps and bridges approaches
- Commercial roofing insulation
- Metal roof & metal deck flute-fill

## BENEFITS

- Stable R-value
- Environmentally friendly
- Energy efficient
- Code approvals
- Termite protection available
- Proven performance
- Moisture resistant
- Cost-effective
- No CFC, HCFC, HFC, or formaldehyde



## OPTIONS

Available sizes:

4'x4' panels (1/4" to 48" thick)

4'x8' panels (1/4" to 48" thick)

Contact your sales representative for more information.

## LOCATIONS

### KINGMAN, AZ

4555 Olympic Way  
Kingman, AZ 86401

**928-681-2800**

### ANTHONY, TX

1004 Omar Road  
Anthony, TX 79821

**915-886-4636**

### ARLINGTON, TX

3220 E. Avenue F  
Arlington, TX 76011

**800-722-6218**

### PHYSICAL & THERMAL PROPERTIES

PROPERTIES	TYPE XI	TYPE I	TYPE VIII	TYPE II	TYPE IX	TYPE XIV	TYPE XV	TEST METHOD
Nominal Density (psi)	0.7	1.0	1.25	1.5	2.0	2.5	3.0	ASTM C303
Thermal Resistance (R-Value)								
(per inch) at @25F	3.60	4.35	4.55	4.76	5.00	5.05	5.10	ASTM C518 or C177
(per inch) at @40F	3.40	4.17	4.25	4.55	4.76	4.85	5.05	
(per inch) at @75F	3.20	3.85	3.92	4.17	4.35	4.50	4.60	
Water Vapor Permeability (perms)	5.0	5.0	3.5	3.5	2.5	2.5	2.5	ASTM E96
Water Absorption (max. % volume)	4.0	4.0	3.0	3.0	2.0	2.0	2.0	ASTM C272
Oxygen Index, Min.	24%	24%	24%	24%	24%	24%	24%	ASTM D 2863

### STRENGTH PROPERTIES

PROPERTIES	TYPE XI	TYPE I	TYPE VIII	TYPE II	TYPE IX	TYPE XIV	TYPE XV	TEST METHOD
Compressive Strength @10% deformation, min. (psi)	5.0	10-14	13-18	15-21	25-33	40.0	60.0	ASTM D1621
Flexural Strength (min. psi)	10.0	25.0	30.0	35.0	50.0	60.0	75.0	ASTM C203
Dimensional Stability	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	ASTM D2126
Flame Spread	<20	<20	<20	<20	<20	<20	<20	ASTM E84
Smoke Devolped	150-300	150-300	150-300	150-300	150-300	150-300	150-300	ASTM E84

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