



StarRFoam I

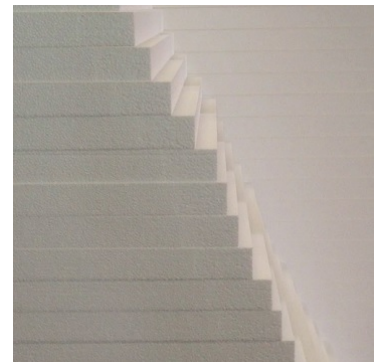
StarRFoam I is a lightweight, closed cell, rigid insulation manufactured from expanded polystyrene (EPS). It is available with reflective metallic, clear, and white facers. StarR Fan Fold meets or exceeds ASTM C578, Standard Specification for Rigid, Cellular, Polystyrene Thermal Insulation.

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 I	TEST METHOD
Nominal Density (psi)	1.0	ASTM C303
Thermal Resistance (R-Value)		
(per inch) at @25F	4.35	ASTM C518 or C177
(per inch) at @40F	4.17	
(per inch) at @75F	3.85	
Water Vapor Permeability (perms)	5.0	ASTM E96
Water Absorption (max. % volume)	4.0	ASTM C272
Oxygen Index, Min.	24%	ASTM D 2863

STRENGTH PROPERTIES

PROPERTIES	TYPE I	TEST METHOD
Compressive Strength @10% deformation, min. (psi)	10-14	ASTM D1621
Flexural Strength (min. psi)	25.0	ASTM C203
Dimensional Stability	2.00%	ASTM D2126
Flame Spread	<20	ASTM E
Smoke Devolped	150-300	ASTM E

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