

## Door Cores

**StarRFoam Door cores** are lightweight, closed cell, rigid insulation manufactured from expanded polystyrene (EPS). Available with advanced laminate facers. The facers shed water to reduce moisture build-up in the cavity wall.

## APPLICATIONS

Commercial and residential doors

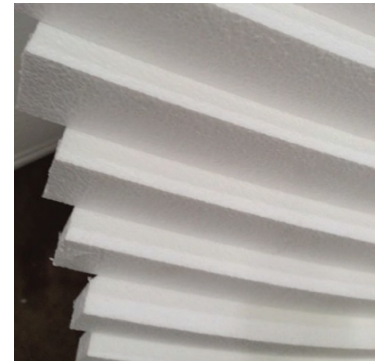
## BENEFITS

User Friendly  
 Termite protection available  
 Stable R-Values  
 Proven performance  
 No CFC, HFC, HCFC, or formaldehyde

Environmentally friendly  
 Cost-effective  
 Moisture resistant  
 Mold resistant

## OPTIONS

Available sizes:  
 4'x8' sheets  
 3/8" to 5" thicknesses in 1/8" increments  
 Contact your local sales representative for custom shapes and sizes.



## 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	10-18	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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