

# Expanded Polystyrene (EPS)

EPS is a rigid closed cell foam plastic used in residential and commercial construction, geotechnical & packaging applications

The term **EPS** is sometimes commonly referred to as StyroFoam®, foam board, insulation board, and other generic references to foam material.

## The R-value of EPS

R-value is the capacity of an insulating material to resist heat flow. The higher the R-value, the greater the insulating power.

**R3.75**  
—per inch—

PLASTISPAN TYPE 1

RSI 0.65/25 mm  
Expanded Polystyrene

**R4.04**  
—per inch—

PLASTISPAN® HD

RSI 0.70/25 mm  
Expanded Polystyrene

**R4.27**  
—per inch—

PLASTISPAN® 25

RSI 0.74/25 mm  
Expanded Polystyrene

**R4.7**  
—per inch—

GPS INSULATION

Made with NEOPOR  
Graphite-Enhanced EPS

## THE ENERGY-EFFICIENCY OF EPS INSULATION

AS YOUR  
ENERGY  
EFFICIENCY  
GOES UP

YOUR  
ENERGY  
BILLS GO  
DOWN



Among all insulations available, EPS stands out as the greenest.



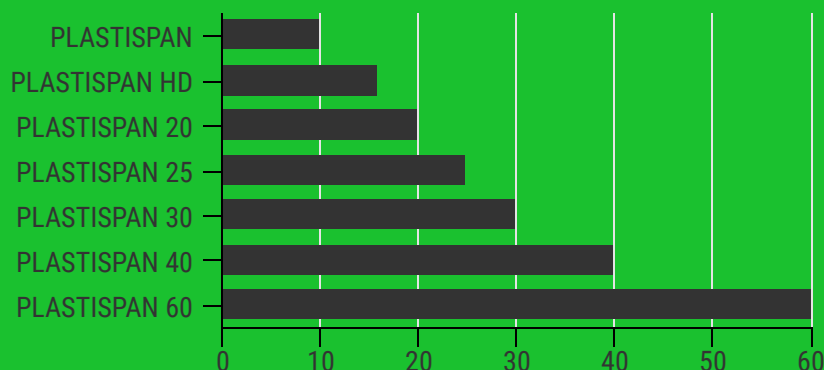
- Hydro chlorofluorocarbon (HCFC) free
- Provides stable R-value
- Manufactured regionally = less fuel is used for transportation
- Does not adversely affect indoor air quality



✓ Plasti-Fab EPS is GREENGUARD GOLD Certified

## KNOW YOUR STRENGTHS High Compressive Resistance EPS

Compressive Resistance (PSI)



The most important mechanical property of EPS insulation and building products is its resistance to compressive stresses, which increase as the density becomes higher.



Plasti-Fab insulation products are

**CODE-LISTED &  
CODE-APPROVED**

CAN-ULC-S701 | CCMC 12424-L | CCMC 12425-L | CCMC 12426-L

**DID**  
— you —  
**KNOW**

You can learn how to install our EPS products or view projects on our YouTube Channel.

<https://www.youtube.com/user/PFBcorporation>

