



EPS

Foundation Perimeter Insulation

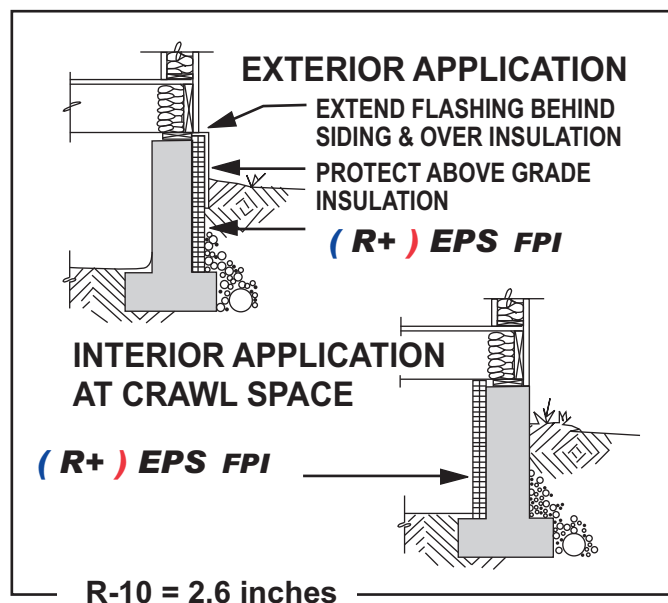
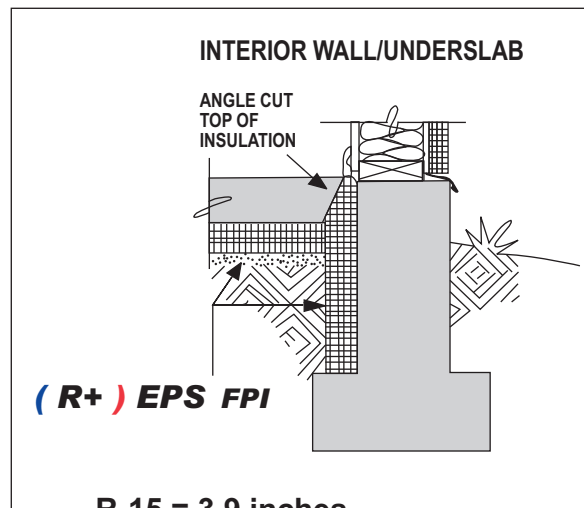
(R+) EPS FPI

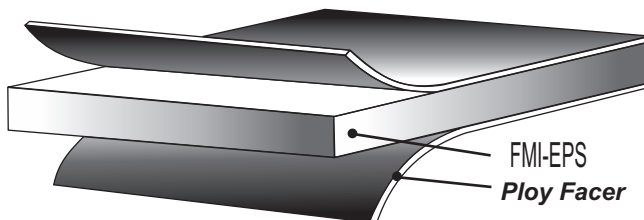
FMI-EPS introduces (R+) EPS Foundation Perimeter Insulation, a premium insulation product designed to make handling, installing, meeting R-Value requirements and saving energy... easier than ever. Whether you're looking to improve the thermal performance of your home's foundation, the right perimeter or sub slab insulation for a large commercial project; (R+) EPS FPI is the product of choice.

Long term stable R-Value that your project requires, superior moisture protection, light weight, easy to handle and energy efficient: are just some of the benefits (R+) EPS Foundation Perimeter Insulation

Features

- (R+) EPS FPI is manufactured with durable poly facers to improve the water absorption and handling performance on the jobsite.
- + Provide the long term and stable R-Value for your home or project, Contains no Dyes, Formaldehyde, Ozone depleting CFC's, HFC's or HCFC's,.
- + Meets or exceeds R-Value Code requirements for foundation walls and sub slabs, Available in R-5, R-10, R-15 or custom manufactured R-Value
- + Helps keep harmful moisture away from the foundation
- + Prevents damage to waterproofing during backfill
- + Lightweight, durable, easy to handle and install
- + Available in 10, 15, 25, & 40 psi compressive strengths
- + Compressive protection for expansive soils
- + Can be used in sub slab and radiant floor heat applications
- + EPS is the most cost effective rigid insulation on the market today. You can pay more for other insulation products, but why?



**EPS****Foundation Perimeter Insulation****YOU CHOOSE THE R-VALUE STRENGTH, OF THE RIGID PERIMETER & UNDERSLAB INSULATION****(R +) EPS FPI comes in R - 5, R - 10 or R - 15****Insulate Better, Save Energy, Save Money...Live Better****(R+) EPS FPI Meets or exceeds Physical & Thermal property standards as established in ASTM C 578**

Physical Properties	FPI10R5	FPI10R10	FPI10R15	FPI15R5	FPI15R10	FPI15R15	TEST METHOD
R-Value *	5.0	10.0	15.0	5.0	10.0	15.0	C177 or C518
Thickness	1.3"	2.6"	3.9"	1.2"	2.4"	3.6"	
Compressive Strength **	10	10	10	15	15	15	D1621
Water Absorption % by Volume	< 4.0	< 4.0	< 4.0	<3.0	< 3.0	< 3.0	C272
Water Vapor Trans (perms)	0.5	0.5	0.5	0.5	0.5	0.5	E96
Coefficient of Thermal Expansion in/(in.) (F)	0.000035	0.000035	0.000035	0.000035	0.000035	0.000035	D696
Maximum Service Temp. Long Term Exposure	168°F	168°F	168°F	168°F	168°F	168°F	
Intermittent Exposure	180°F	180°F	180°F	180°F	180°F	180°F	
Fungus & Bacterial Resistance	Will not support bacteria fungus			No Food Value			FHA Test Procedure
Edge Style	Square	Square	Square	Square	Square	Square	
Density, Nominal	1.0	1.0	1.0	1.5	1.5	1.5	C 303

Physical Properties	FPI25R5	FPI25R10	FPI25R15	FPI40R5	FPI40R10	FPI40R15	TEST METHOD
R-Value *	5.0	10.0	15.0	5.0	10.0	15.0	C177 or C518
Thickness	1.15"	2.3"	3.45"	1.15"	2.3"	3.45"	
Compressive Strength **	25	25	25	40	40	40	D1621
Water Absorption % by Volume	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	C272
Water Vapor Trans (perms)	0.5	0.5	0.5	0.5	0.5	0.5	E96
Coefficient of Thermal Expansion in/(in.) (F)	0.000035	0.000035	0.000035	0.000035	0.000035	0.000035	D696
Maximum Service Temp. Long Term Exposure	168°F	168°F	168°F	168°F	168°F	168°F	
Intermittent Exposure	180°F	180°F	180°F	180°F	180°F	180°F	
Fungus & Bacterial Resistance	Will not support bacteria fungus			No Food Value			FHA Test Procedure
Edge Style	Square	Square	Square	Square	Square	Square	
Density, Nominal	2.0	2.0	2.0	2.5	2.5	2.5	C 303

*R means resistance to heat flow. The higher the R-value, the greater the insulation power.

Federal Trade Commission requires; using the R-Value publication at 75°F temperature when calculating R-Values of All Insulations.

**Compressive strength, min, psi at 10% strain deformation

FLAMMABILITY WARNING

FMI-EPS's expanded polystyrene (EPS) products are combustible, as are all organic materials. They must not be stored or installed near open flame or any other source of ignition. In addition, when EPS installation board is installed in the interior of any occupied structure, it must be protected by a proper thermal barrier, and the installer must review applicable local, state and federal building codes to determine the correct thermal barrier for the particular application.



The information in this bulletin is presented in good faith, and is believed to be accurate. All statements are made without warranty expressed or implied.

**ADJOINING MATERIALS WARNING**

Expanded polystyrene (EPS) is subject to attack by liquid solvents or by most solvent based adhesives and other liquid products such as gas, diesel, etc. Care should also be taken to separate any coal tar pitch products or coal tar pitch vapors from any direct contact with EPS foam.

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