

# INSULATION



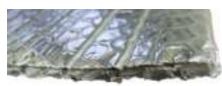




FOIL/WHITE (F/W)



FOIL/FOIL (F/F)



MATERIAL DETAIL





### **Double Bubble Insulation**

Double Bubble Reflective Insulation is a double layer of polyethylene bubbles bonded to and sandwiched between a radiant barrier metalized foil and/or white polyethylene sheet. Double Bubble is specifically designed to control heat gain or loss, and prevent interior condensation, in all types of metal and metal-clad buildings.

#### Features

- Blocks 96% of Radiant Heat Transfer
- Prevents Interior Condensation
- Class 1 / Class A Fire-Rated (ASTM E84-09)
- Puncture and Tear-Resistant
- Unaffected by Humidity

- Will not Promote Mold and Mildew
- Safe, Non-Toxic and Non- Carcinogenic
- Easy to Handle and Install
- Various Tab Options
- UV-Resistant

Part#	Description	Sq. Ft.	Material	Width	Length
IDB16	16" Double Bubble Square Edge	167	F/F	16"	125'
IDB16T	16" Double Bubble - With Staple Tabs	167	F/F	16"	125'
IDB24	24" Double Bubble	250	F/F	24"	125'
IDB475	48" Double Bubble	300	F/F	48"	75'
IDB48	48" Double Bubble	500	F/F	48"	125'
IDB48W	48" Double Bubble - white backed	500	F/W	48"	125'
IDB72	72" Double Bubble	750	F/F	72"	125'
IDB72W	72" Double Bubble - white backed	750	F/W	72"	125'
IDBCB	48" Ultra Concrete Barrier Double Bubble	500	F/F	48'	125'
IFT2	2" Metalized Reflective Seam Tape		F	2"	150'
IFT3	3" Metalized Reflective Seam Tape		F	3"	150'
TWT	2" White Seam Tape		W	2"	150'
TWT3	3" White Seam Tape		W	3"	150'
IDBUS	6' x 125' Ultra-Shield - White	750	W/F	6'	125'

FEATURES	BENEFITS
Reflective Metalized Surface Facing	- Reduces Radiant Heat Gain and Loss - Blocks 96% of Radiant Heat Transfer - Saves Energy Use - Lowers Heating/Cooling Costs - Improves Interior Comfort
Multi-Layer Bubble Core	- Provides Continuous Thermal Break - Lowers Risk of Interior Surface Condensation - Durable and Long-Lasting - Superior Puncture, Tensile and Tear Strength - Will Not Absorb Water or Vapor - Does Not Harbor Moisture or Mold - Clean, Safe, No-lich Material
White Interior Facing Option	- Brightens Building Interior - Attractive Appearance - Easy to Clean
Practical Tab/Edge Options	Various Options for All Metal Building Applications     Simplifies Installations     Improves Vapor-Sealing Efforts
QuickSeam (Adhesive Tape on Tab)	Saves Time and Labor     Ensures a Continuous Vapor and Condensation Barrier     Simplifies and Speeds Installation

#### **PRODUCTS**

#### AVAILABLE IN:

- AVAILABLE IN:

   Single or Double Bubble
   Square Edge, Tab 1 Side, Tab 2 Sides,
  Quick Seam Adhesive Strip

   Width: 12", 16", 18", 24", 48" and 72"

   Length: 102' and 125'



#### **SPECIFICATIONS**

Physical Properties	Test	Double Layer	Single Layer	
NOMINAL THICKNESS	_	5/16"	3/16"	
FIRE RATING	ASTM E84-09	CLASS 1/	CLASS A	
EMISSIVITY	ASTM C1371-04A	0.04	0.04	
REFLECTIVITY	ASTM E903	0.96	0.96	
WATER VAPOR PERMEABILITY	ASTM E96	0.42 Perms	0.01 Perms	
RESISTANCE TO FUNGI & BACTERIA	ASTM C1149	DOES NOT PROM	MOTE GROWTH	
PLIABILITY	ASTM C1224-03	NO CRACKING		
BLEEDING AND DELAMINATION	ASTM C1224-03	NO BLEEDING OR DELAMINATION		
CORROSIVENESS	ASTM D3310-00	PASSES		
FIRE RATING - FULL ROOM BURN TEST	NFPA 286	PASS	SES	







### Fiberglass Insulation - Owens Corning™

New EcoTouch® insulation with PureFiber® Technology raises the bar on sustainability while enhancing the performance qualities that have made Owens Corning the most preferred brand in insulation. In fact, Owens Corning™ EcoTouch® insulation is rated #1 for handleability and ease of installation by contractors and is preferred by 2 out of 3 professional installers over all other brands.

#### **Features**

- Exceptional stiffness and recovery characteristics with no additional handwork needed so you can achieve high-quality, inspection-ready installs
- Easier to cut and split with less dust,
- allowing you to properly insulate irregular cavities and around common obstructions
- Installs faster to help you get more done in less time

Lasici	to cut arra spire mitri ress at	,,,				
Part#	Description	R Value	Faced	Bndl. Qty.	Bndl. Sq Ft	Batt D x W x L
IR1315	R-13 Fiberglass Insulation	R-13	Kraft	9 Batts	88.12	4" x 15" x 94"
IR1323	R-13 Fiberglass Insulation	R-13	Kraft	10 Batts	148.54	4" x 24" x 94"
IR1915	R-19 Fiberglass Insulation	R-19	Kraft	1 Roll	49	6" x 15" x 39'-2"
IR1923	R-19 Fiberglass Insulation	R-19	Kraft	1 Roll	75.07	6" x 23" x 39'-2"
IR2115	R-21 High Density Fiberglass Insulation	R-21	Kraft	7 Batts	67.81	5.5" x 15" x 93"
IR2123	R-21 High Density Fiberglass Insulation	R-21	Kraft	6 Batts	89.13	5.5" x 23" x 93"
IR3016	R-30 Fiberglass Insulation	R-30	Kraft	11 Batts	58.67	10" x 16" x 48"
IR3024	R-30 Fiberglass Insulation	R-30	Kraft	11 Batts	88	10" x 24" x 48"
IR3816	R-38 Fiberglass Insulation	R-38	Kraft	8 Batts	42.67	12" x 16" x 48"
IR3824	R-38 Fiberglass Insulation	R-38	Kraft	8 Batts	64	12" x 24" x 48"
IR4916	R-49 Fiberglass Insulation	R-49	Kraft	5 Batts	32	14" x 16" x 48"
IR4924	R-49 Fiberglass Insulation	R-49	Kraft	4 Batts	48	14" x 24" x 48"



### **Vinyl Backed Insulation**

Part#	Description	R Value	Thick.	Size
IVH648STOCK50	WMP-10 Std Vinyl Backed 6" Fiberglass Insulation Roll	s R-19	6"	4' x 50'
IVHT	White Vinyl Backed Metal Building Insulation Tape			3" x 150'

Many sizes, thicknesses, and custom lengths available for special order.



### **Great Stuff Spray Foam**

Part#	Description	Case Qty.	W/Straw	Size
IEBK12	Black Multi-Purpose Foam Sealant		•	12 Oz
IEFBG12	Big Gap Filler - Triple Expanding Foam Sealant	12	•	12 Oz
IEFBG20	Big Gap Filler - Triple Expanding Foam Sealant	12	•	20 Oz
IEFFBGS12	Fireblock Insulating Foam Sealant, Orange		•	12 Oz
IEFGCGS12	Gaps & Cracks Foam Sealant - Fills up to 1" Gaps	12	•	12 Oz
	Gaps & Cracks Foam Sealant - Gun Foam- Fireblock	-		
IEFGC	Sealant Has Indentifiable Orange Color	12		24 Oz
IEFGCL	Foam Gun Tool Cleaners			12 Oz
IEFPB12	Pest Block Expanding Foam		•	12 Oz
IEFWDGS12	Window & Door Foam		•	12 Oz
IEFWD	Window & Door Foam - Gun Foam			20 Oz
IEFWDGS20	Window & Door Foam	12	•	20 Oz
IEFWF	Gun Foam - Wall & Subfloor Adhesive - Heavy Duty			26.5 Oz



### **Froth Pak Spray Foam**

For professional use. Quick 30 second cure time. Class A fire rated.

Part#	Description	Coverage	Skid Qty.
IEFFP200F	Twin Tank Spray Foam Insulation	210 Board Ft	26
IEFFP620F	Twin Tank Spray Foam Insulation, 2 - 60 Lb. Tank	620 Board Ft	9
IEFFP650F	Twin Tank Spray Foam Insulation - 2 -60Lb. Tank		
IEFFP210F	Twin Tank Spray Foam Insulation - Fire Rated		



### **Spray Texture Foam**

Description
Spray Texture Orange Peel - Water Based
Spray Texture Orange Peel - Oil Based
Spray Texture Knockdown
Spray Texture Popcorn - Water Based



### **Expanding Foam Dispensing Gun**

Part#	Description
IEFGUN13	Pro 13 - Expanding Foam Dispensing Gun
IEFGUN14	Pro 14 - Expanding Foam Dispensing Gun

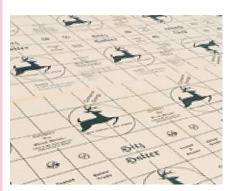




### **Dupont Styrofoam Insulation**

STYROFOAM™ Brand Insulation is an extruded polystyrene foam insulation board that meets the needs of the commercial foundation and building floor slab market. This insulation can also be used for attics, foundations/slabs and crawl spaces in residential applications. STYROFOAM™ Extruded Polystyrene Foam (XPS) Insulation has more than 60 years of proven performance in wet environments. The closed-cell structure of STYROFOAM™ Extruded Polystyrene Foam (XPS) Insulation resists water pickup, enabling it to retain a high R-value over time – a necessary property in wet, below-grade commercial foundation applications.

Part#	Description	R Value	Skid Qty.	PSI	Size
IS12	1/2 in Film-Faced Styrofoam	R-2.5	160	25	4' x 8'
IS34	3/4 in Styrofoam Tongue & Groove	R-3.75	128	25	4' x 8'
IS1	1 in Styrofoam Tongue & Groove	R-5	96	25	4' x 8'
IS2	2 in Styrofoam Tongue & Groove	R-10	48	25	4' x 8'
IS15	1 1/2" Grey Dow Styrofoam Tongue & Groove	R-7.5		25	4' x 8'



### **Hitz Halter Insulation**

Hitz Halter is designed especially for radiant floor heat with a simple solution for putting pex tubing down - plastic staples fasten the pex directly to the insulation. It simplifies rebar spacing, tapes together easily, and comes fan folded in 4ft. x 24ft. sections for one-man installation - A real time and energy saver!

Part#	Description	R Value	PSI	Size
IHH238	2-3/8" Hitz Halter Radiant Floor Heat Insulation - Folded Every 4"	R-10	15	4' x 24'

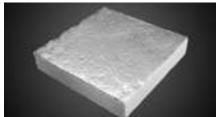


### **Expanded Polystyrene Insulation**

EPS Insulation sheets are the perfect solution for continuous insulation applications due to its polymeric film facers and polystyrene core.



- Designed specifically to be installed in place of, or over wood sheathing/purlins on new construction applications.
- Polymeric film facer on one side, with a Reflective barrier on the other.
- Class II vapor retarder, over 1 perm.
- Limited Lifetime Warranty.
- Foil on back and clear white on front.



Part#	Description	R Value	PSI	Facing	Bndl. Qty.	DxWxL
IPSC12W	ESP White Poly/Foil Insulation	R-2.1	25	Poly/Foil	25	1/2" x 4' x 8'
IPSC1	ESP White Poly/Foil Insulation	R-3.2	10	Poly/Foil	12	1" x 4' x 8'
IPSC115	ESP White Poly/Foil Insulation	R-4.8	10	Poly/Foil	8	1-1/2" x 4' x 8'
IPSC240	ESP White Poly/Gray Insulation Below Grade with Temite Inhibitor	R-10	40	Poly/Clear	- 5	2.25" x 4' x 8'



### **Green Guard Fan Fold Insulation**

White on one side.

Part#	Description	R Value	Thick	. Size
IFF	Fan Fold Insulation - Green Guard	R-1.5	3/8"	4' x 50'



### **Blown Cellulose Insulation - Sanctuary**

Increased coverage area and decrease job site times with this 25 lbs. bag of Sanctuary low dust insulation. The loose fill fibers fill gaps and voids to create an energy saving thermal blanket that keeps homes comfortable in extreme cold and hot temperatures while reducing outside noise. Fire resistant treated insulation is made with up to 85% recycled material that meets Class 1 Fire Rating to protect homes; providing more time for evacuation.

#### **Features**

- Less expensive than Fiberglass
- · Dense for minimal settling
- Treated for fire resistance

 Made in the USA with 85% recycled content.

Part#	Description	Sq. Ft. @ R30	Weight
IBWC	Cellulose Blowing Insulation	25.9	25 lbs



### **Blown Fiberglass Insulation - ProPink L77**

Highest coverage: High Performance Fiberizing Technology allows ProPink®L77 Loosefill to provide the highest yield of any loosefill insulation available. One 32-lb bag can cover 77 square feet at R-30.

#### **Features**

- Less mess than Cellulose
- Ultra-performance no settling
- Blows fast and smooth

- Noncombustible and non-corrosive
- Will not rot, mildew, or deteriorate.

Part#	Description	Sq. Ft. @ R30	Weight
IBWF	Fiberglass Blowing Insulation	77	30 lbs

# See coverage charts on the next page



### **Durovent Attic Vent Baffle**

An economical way to meet energy code requirements for air flow.

#### Features

• 18.7 sq in net free vent

• 24" on center max width

- Perforated for use at 16" on center
- Wide nailing flange and center strut

Part#	Description	Bag Qty.	Size
IRV	Polystyrene Attic Vent Insulation Baffle	50	22" x 48"



#### **Accuvent Attic Vent Baffle**

The dual function design creates ventilation channels under the roof sheathing for healthy air circulation while integral baffles prevent wind-washing. AccuVent offers a quick and inexpensive solution for architects, builders, and renovators to ensure proper insulation performance for better energy efficiency and indoor air quality. AccuVent baffles are adaptable for any application, roof pitch, or truss size and install quickly and easily with just a few staples. They are manufactured from 100% recycled, flame-retardant PVC – a material that is compatible with all insulation types, including spray foam.

Part#	Description	Bundle Qty.	Size
IAV	PVC Attic Vent Insulation Baffle	50	22.5" x 48"



# **Insulation Coverage Charts**



### ATTIC COVERAGE CHART - LOOSE-FILL AND STABILIZED APPLICATIONS

Tabla de Cobertura de Ático - Aplicaciónes de Relleno Suelto y Aplicaciónes Estabilizadas

25lbs (11.3kg) SANCTUARY®							
R-Value at 75° F Mean Temp.  Espesor minimo (en pulgadas)  Valor de resistencia		Net Coverage (no adjustment for framing) Cobertura neta (sin compessación para la estructura)			Net Coverage (adjusted for 2" x 6" framing on 16" centers)  Cobertura neta (con compensación para una estructura de 2" x 6" en centros de 16")		
termica (valor R) at 75 F de temperature media	Initial Installed Thickness Espesor inicial instalado	Settled Thickness Espesor asentado	Maximum Sq. Ft. per Bag Pies cuadrados máximos por bolsa	Minimum Bags per 1,000 Sq. Ft. Cantidad minima de bolsas por 1,000 pies cuadrados	Minimum Weight per Sq. Ft. Peso minimo por pie cuadrado	Maximum Sq. Ft. per Bag Pies cuadrados máximos por bolsa	Minimum Bags per 1,000 Sq. Ft. Cantidad minima de bolsas por 1,000 pies cuadrados
11	3.3	3.0	78.6	12.7	0.32	86.7	11.5
13	3.9	3.6	65.8	15.2	0.38	72.6	13.8
19	5.7	5.3	44.2	22.6	0.57	48.8	20.5
22	6.6	6.1	38.0	26.3	0.66	41.2	24.2
26	7.7	7.2	31.2	32.1	0.80	33.4	30.0
30	8.9	8.3	25.9	38.6	0.97	27.4	36.5
32	9.5	8.8	23.8	42.0	1.05	25.2	39.7
38	11.2	10.4	19.0	52.6	1.32	19.9	50.1
40	11.8	10.9	17.7	56.5	1.41	18.6	53.8
44	12.9	12.0	15.7	63.5	1.59	16.5	60.8
48	14.0	13.0	14.1	70.8	1.77	14.6	68.5
49	14.3	13.3	13.8	72.6	1.81	14.2	70.2
50	14.6	13.5	13.5	74.3	1.86	14.0	71.4
60	17.3	16.1	10.8	92.5	2.31	11.1	89.8

#### LOOSE-FILL APPLICATIONS

THE ABOVE COVERAGE CHART IS BASED ON A NOMINAL BAG WEIGHT OF 25 LBS USING A VOLUMATIC III, SRD GEAR AND 8" GATE. THE CHART IS BASED ON SETTLED THICKNESS AND IS FOR ESTIMATING PURPOSES ONLY. DO NOT EXCEED MAXIMUM SQUARE FEET COVERAGE PER BAG. THE APPLICATOR MUST INSTALL BOTH THE MINIMUM NUMBER OF BASS PER 1000 SQ. FT. AND THE MINIMUM INSTALLED THICKNESS TO ENSURE THE STATED R-VALUE HAS BEEN REACHED. FAILURE TO MEET BOTH THESE REQUIREMENTS MAY PREVENT THE APPLICATION OF SPECIFIED R-VALUE. JOBC CONDITIONS, APPLICATION TECHNIQUES, EQUIPMENT AND SETTINGS CAN INFLUENCE ACTUAL COVERAGE. MINIMUM NET WEIGHT IS 23.75 LBS.

#### STABILIZED APPLICATIONS

STABILIZED APPLICATIONS.

THE ABOVE COVERAGE CHART IS BASED ON A NOMINAL BAG WEIGHT OF 25.0 LBS USING A VOLUMATIC III, 3rd GEAR AND 8" GATE. THE CHART IS BASED ON SETTLED THICKNESS AND IS FOR ESTIMATING PURPOSES ONLY. DO NOT EXCEED MAXIMUM SQUARE FEET COVERAGE PER BAG. THE APPLICATOR MUST INSTALL BOTH THE MINIMUM MINDRED OF BAGS PER 1000 SO. FT. AND THE MINIMUM MISTALLED THICKNESS TO ENSURE THE STATED R-VALUE HAS BEEN REACHED. FAILURE TO MEET BOTH THESE REQUIREMENTS MAY PREVENT THE APPLICATION OF SPECIFIED R-VALUE. THE INSTALLED MOISTURE CONTENT MUST BE BETWEEN 16% AND 25% IN ATTIC APPLICATIONS. JOB CONDITIONS, APPLICATION TECHNIQUES, EQUIPMENT, AND SETTINGS CAN INFLUENCE ACTUAL COVERAGE, MINIMUM NET WEIGHT IS 23.75 LBS.



Attics Nominal Bag Weight 32 lbs.

R-VALUE	MINIMUM INITIAL INSTALLED THICKNESS (IN.)	MINIMUM SETTLED THICKNESS <sup>1</sup>	MAXIMUM COVERAGE PER BAG (SQ. FT.)	MINIMUM BAGS PER 1000 SQ. FT.	MINIMUM WEIGHT (LBS PER SQ. FT.)
13	4.75	4.75	184.6	5.4	0.173
13 19	7.00	7.00	125.0	8.0	0.256
22	8.00	8.00	105.3	9.4	0.301
26	9.25	9.25	89.6	11.2	0.357
30	10.50	10.50	77.0	13.0	0.416
38	13.25	13.25	59.9	16.7	0.534
44	15.00	15.00	50.7	19.7	0.631
49	16.75	16.75	45.0	22.2	0.711
60	20.00	20.00	35.8	28.0	0.895

