

Owens Corning Reference Guide

NAHB / ANSI Approved 2008 National Green Building Standard

Owens Corning's building science expertise and product solutions are backed by over 70 years of building industry experience. From inventing new technologies to turning those innovations into industry transforming products and solutions, we can help you meet the challenges of green building.

When it comes to achieving performance levels within the National Green Building Standard (NGBS), it's about more than green building and sustainability, it's good business. Owens Corning's selection of building materials contribute to achieving performance levels from Bronze to Emerald.

Selecting the right products puts your project on the right track. Owens Corning has achieved "GREEN APPROVED" status from the NAHB Research Center for many products. This means you can confidently rely on Owens Corning to help you meet the NGBS requirements in many sections.

Owens Corning products contribute to many National Green Building points. A product listing, including qualifying points, is featured in the charts signified by the .

Owens Corning NAHB Green Approved Products

Product Category	Product
Fiberglass Insulation	Batts, Rolls, & Unbonded Loosefill
Air Sealing/Insulation System	EnergyComplete™ Flexible Foam Sealant
HVAC Ducting & Accessories	Fiberglass Duct Wrap, Duct Liner & DuctBoard
Extruded Polystyrene Foam Insulation	FOAMULAR® XPS Foam Insulation Products

For more information call 1-800-GET-PINK®



Owens Corning Reference Guide

NAHB/ANSI Approved 2008 National Green Building Standard



ICC 700-2008 NATIONAL GREEN BUILDING STANDARD



OWENS CORNING
 ONE OWENS CORNING PARKWAY
 TOLEDO, OHIO, USA 43659
1-800-GET-PINK®
www.owenscorning.com

Pub. No. 10012219-C. Printed in U.S.A. May 2011. The color PINK is a registered trademark of Owens Corning. ©2011 Owens Corning.

OWENS CORNING 2008 NATIONAL GREEN BUILDING STANDARD GUIDE

Green Building Category ENERGY EFFICIENCY	Insulation & Air Sealing Unconditioned Space	Insulate Floors, Foundations, & Crawlspace	Air Seal Windows & Doors	Insulate & Air Seal Band & Rim Joist	Air Seal Sill & Bottom Plate	Insulate Skylights & Knee Walls	Insulate & Gasket Attic Access, Knee Wall Doors, Attics Stairs	Baffles or Blocking for Eave Ventilation	Energy Cost Perf. Levels	Bldg. Envelope Prescriptive Path & UA Improved Thermal Performance	Insulation Installation Grade	Insulation & Air Sealing 3rd Party Verification & General Air & Thermal Barriers	Reduce Whole Bldg. Envelope Air Infiltration	Enhanced Fenestration Specs	Enhanced Fenestration Specs (BETTER)	Insulating Hot-Water Pipes	3rd Party Installation & Performance Verification	Max. ACH50 Air Leakage Rates	Max. HVAC Air Leakage
SECTION	701.4.3	701.4.3.2	701.4.3.3(1)	701.4.3.3(2)	701.4.3.3(3)	701.4.3.3(4)	701.4.3.4(1)	701.4.3.4(3)	702.2	703.1.1	703.1.2-(1,3)	703.2	703.2.1.4	703.3.1(a)	703.3.1(b)	703.5.4	704.6.1	704.6.2.1(4)	704.6.2.2
NEW CONSTRUCTION MANDATORY	YES	YES	YES	YES	YES	YES	YES	YES	YES										
NEW CONSTRUCTION POINTS									30 TO 120	10 TO 36	15	3 TO 15		5 TO 8	10 TO 12	2	5	3 TO 15	5 TO 15
ADDITION & RENOVATION NOTE/ADDITIONAL POINTS	2	2	1	1	1	1	1	2		15 TO 45			1 TO 3		2	1		1 TO 3	
NATIONAL GREEN BUILDING STANDARD REFERENCE PAGE NUMBER	41	41	42	42	42	42	42	42	43	44	44	46	48	48	49	53	60	61	61
INSULATING PRODUCTS																			
<i>Fiberglass Blanket Insulation:</i>																			
EcoTouch™ PINK® Fiberglas™ Thermal Batts & Rolls with PureFiber® Technology, PROPIK FastBatt® Insulation with PureFiber® Technology, EcoTouch™ Flame Spread 25 Insulation with PureFiber® Technology	●	●		●		●	●		●	●	●	●	●						●
<i>Fiberglass Loosefill Insulation:</i>																			
AttiCat® Expanding Blown-In Loosefill Insulation, PROPIK Complete™ Blown-In Insulation, PROPIK® L77 Loosefill Insulation	●	●		●		●	●		●	●	●	●	●						●
<i>Air Sealing/Insulation System:</i>																			
EnergyComplete™ Flexible Foam Sealant & EcoTouch™ PINK Fiberglas™ Insulation with PureFiber® Technology	●	●	●	●	●	●	●		●	●		●	●						●
<i>Foam Insulation:</i>																			
Insulated Concrete Forming Systems	●	●		●	●	●			●	●	●	●	●						●
FOAMULAR® XPS Foam Insulation Products	●	●		●	●	●			●	●	●	●	●						●
FanFold Underlayment Board	●	●		●	●	●			●	●	●	●	●						●
Flashing Tape, FoamSealR™, House Wrap, Foam Ventilation Baffles	●	●	●	●	●	●		●	●	●		●	●						●
<i>HVAC Insulation:</i>																			
QuietR® Duct Liner Board, QuietR® Textile Duct Liner, QuietR® Rotary Duct Liner, QuietR® Duct Board & QuietZone® Spiral Duct Liner									●	●		●	●						●
<i>Pipe Insulation:</i>																			
Fiberglas™ SSL® I & SSLI® Pipe Insulation with All Service Jacket (ASJ)																●			
ROOFING & ASPHALT PRODUCTS																			
Shasta White Only in Classic® Shingles, Supreme® Shingles, Duration® Shingles & Oakridge® Shingles; Duration® Premium Cool Shingles only in Sunrise, Frosted Oak & Harbor Fog Colors																			
Shingles: Berkshire® Collection Shingles, Classic® Shingles, Duration® & Duration® Premium Shingles, Oakridge® Shingles, Supreme® Shingles, & WeatherGuard® HP Shingles																			
Hip & Ridge Shingles: DecoRidge® Hip & Ridge in Sunrise, Harbor Fog, Sage, Frosted Oak, and Shasta White, and High Ridge, RIZERidge® and Perforated Hip & Ridge in Shasta White only																			
VentSure® Products								●											
Fiberglas® Reinforced Felt & Deck Defense™ Underlayment																			
WeatherLock® Ice & Water Barrier Products																			

Green Building Category RESOURCE EFFICIENCY	Material Optimized Structural Systems	Pre-Fabricated Building Components	Site Applied Finishing Materials	Frost Protected Shallow Foundations (FPSF)	Thermal Structural Above Grade Wall Systems	Water Resistive Barrier/Drainage Plane	Ice & Water Shield Ice Damming Barrier	Enhanced Foundation Drainage & Waterproofing	Flashing at all Penetrations	Energy Star Roofing Material or Green Roof	Re-Use Salvaged Materials Where Possible	Use Recycled Content Bldg. Materials	Resource Efficient Materials	Life Cycle Analysis
SECTION	601.2	601.5	601.7	601.8	601.9	602.9	602.10	602.11	602.12	602.13*	603.2	604.1	607.1(1)	609.1
NEW CONSTRUCTION MANDATORY						YES	YES							
NEW CONSTRUCTION POINTS	3 TO 9	4	12	3	4		1	4	6	3*	3	1 TO 18	9	15
ADDITION & RENOVATION NOTE/ADDITIONAL POINTS								2		1*				
NATIONAL GREEN BUILDING STANDARD REFERENCE PAGE NUMBER	28	28	28	29	29	31	31	31	31	32	32	32	34	35
INSULATING PRODUCTS														
<i>Fiberglass Blanket Insulation:</i>														
EcoTouch™ PINK® Fiberglas™ Thermal Batts & Rolls with PureFiber® Technology, PROPIK FastBatt® Insulation with PureFiber® Technology, EcoTouch™ Flame Spread 25 Insulation with PureFiber® Technology		●									●	●	●	●
<i>Fiberglass Loosefill Insulation:</i>														
AttiCat® Expanding Blown-In Loosefill Insulation, PROPIK Complete™ Blown-In Insulation, PROPIK® L77 Loosefill Insulation											●	●	●	●
<i>Air Sealing/Insulation System:</i>														
EnergyComplete™ Flexible Foam Sealant & EcoTouch™ PINK Fiberglas™ Insulation with PureFiber® Technology												●	●	
<i>Foam Insulation:</i>														
Insulated Concrete Forming Systems	●	●		●	●			●					●	●
FOAMULAR® XPS Foam Insulation Products	●	●		●	●			●					●	●
FanFold Underlayment Board											●			
Flashing Tape, FoamSealR™, & House Wrap						●			●					
<i>HVAC Insulation:</i>														
QuietR® Duct Liner Board, QuietR® Textile Duct Liner, QuietR® Rotary Duct Liner, QuietR® Duct Board & QuietZone® Spiral Duct Liner											●	●	●	
<i>Pipe Insulation:</i>														
Fiberglas™ SSL® I & SSLI® Pipe Insulation with All Service Jacket (ASJ)											●	●	●	
ROOFING & ASPHALT PRODUCTS														
Shasta White Only in Classic® Shingles, Supreme® Shingles, Duration® Shingles & Oakridge® Shingles; Duration® Premium Cool Shingles only in Sunrise, Frosted Oak & Harbor Fog Colors			●							●			●	●
Shingles: Berkshire® Collection Shingles, Classic® Shingles, Duration® & Duration® Premium Shingles, Oakridge® Shingles, Supreme® Shingles, & WeatherGuard® HP Shingles			●										●	●
Hip & Ridge Shingles: DecoRidge® Hip & Ridge in Sunrise, Harbor Fog, Sage, Frosted Oak, and Shasta White, and High Ridge, RIZERidge® and Perforated Hip & Ridge in Shasta White only			●										●	●
VentSure® Products			●											
Fiberglas® Reinforced Felt & Deck Defense™ Underlayment			●											
WeatherLock® Ice & Water Barrier Products			●				●		●					

Green Building Category INDOOR ENVIRONMENTAL QUALITY	Attached Garage Continuous Air Barrier	Low Emitting Wall Coverings	Exterior Low VOC Sealants	Interior Low VOC Sealants	Building & Duct Insulation Formaldehyde Emissions	Contaminants Sealed From Living Space	Capillary Breaks & Vapor Retarders with Concrete Slabs & Footers	Sealed Conditioned Crawl Space	Insulate Exterior Wall Water Piping	Min. R-6 Duct Insulation, Points for R-6
SECTION	901.3(1)a,b	901.7	901.9.1	901.9.2	901.11	902.6	903.2.1(2)	903.3.2	903.5.1(2)	903.6
NEW CONSTRUCTION MANDATORY	YES						YES			YES
NEW CONSTRUCTION POINTS	4	4	5	5	5	8	3	10		2
ADDITION & RENOVATION NOTE/ADDITIONAL POINTS	4							3	2	7
NATIONAL GREEN BUILDING STANDARD REFERENCE PAGE NUMBER	71	72	73	74	74	78	78	79	80	81
INSULATING PRODUCTS										
<i>Fiberglass Blanket Insulation:</i>										
EcoTouch™ PINK® Fiberglas™ Thermal Batts & Rolls with PureFiber® Technology, PROPIK FastBatt® Insulation with PureFiber® Technology, EcoTouch™ Flame Spread 25 Insulation with PureFiber® Technology					●					
<i>Fiberglass Loosefill Insulation:</i>										
AttiCat® Expanding Blown-In Loosefill Insulation, PROPIK Complete™ Blown-In Insulation, PROPIK® L77 Loosefill Insulation					●					
<i>Air Sealing/Insulation System:</i>										
EnergyComplete™ Flexible Foam Sealant & EcoTouch™ PINK Fiberglas™ Insulation with PureFiber® Technology	●		●	●		●		●		
<i>Foam Insulation:</i>										
Insulated Concrete Forming Systems	●									
FOAMULAR® XPS Foam Insulation Products	●				●	●	●	●		
FanFold Underlayment Board						●				
Flashing Tape, FoamSealR™, & House Wrap	●		●			●	●	●		
<i>HVAC Insulation:</i>										
QuietR® Duct Liner Board, QuietR® Textile Duct Liner, QuietR® Rotary Duct Liner, QuietR® Duct Board & QuietZone® Spiral Duct Liner					●	●				●
<i>Pipe Insulation:</i>										
Fiberglas™ SSL® I & SSLI® Pipe Insulation with All Service Jacket (ASJ)									●	
ROOFING & ASPHALT PRODUCTS										
Shasta White Only in Classic® Shingles, Supreme® Shingles, Duration® Shingles & Oakridge® Shingles; Duration® Premium Cool Shingles only in Sunrise, Frosted Oak & Harbor Fog Colors										
Shingles: Berkshire® Collection Shingles, Classic® Shingles, Duration® & Duration® Premium Shingles, Oakridge® Shingles, Supreme® Shingles, & WeatherGuard® HP Shingles										
Hip & Ridge Shingles: DecoRidge® Hip & Ridge in Sunrise, Harbor Fog, Sage, Frosted Oak, and Shasta White, and High Ridge, RIZERidge® and Perforated Hip & Ridge in Shasta White only										
VentSure® Products										
Fiberglas® Reinforced Felt & Deck Defense™ Underlayment										
WeatherLock® Ice & Water Barrier Products										

SUPPLEMENTAL SECTIONAL INFORMATION for Owens Corning Products	
SECTION	
Recycled Construction Materials—Asphalt/Fiberglass Based Shingles	Owens Corning Roofing Preferred Contractor Shingle Recycling Program
605.3 pg 33	
Mandatory Warranty & Maintenance for Finishes & Bldg. Materials	Many Owens Corning Products carry a Manufacturer supplied product warranty against manufacturing defects
1003.1(3) pg 85	

NGBS point references are suggested applications of Owens Corning products to the ICC 700-2008 National Green Building Standard. Determinations of product attributes and the application of products for NGBS points to achieve a performance level for a building project are the responsibility of the NGBS applicant.