

# 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 sustainable environments, 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
HVAC Ducting & Accessories	Fiberglass Duct Wrap, Duct Liner & DuctBoard
Extruded Polystyrene Foam Insulation	FOAMULAR® XPS Foam Insulation Products
Masonry Veneer Products	Cultured Brick® Manufactured Brick, Cultured Stone® Manufactured Stone Veneer, ProStone® Manufactured Stone Veneer, Versetta Stone™ Stone Veneer



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## ICC 700-2008 NATIONAL GREEN BUILDING STANDARD



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# 2008 OWENS CORNING 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
<b>SECTION</b>	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
<b>NEW CONSTRUCTION MANDATORY</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES										
<b>NEW CONSTRUCTION POINTS</b>									30 TO 120	10 TO 36	15	3 TO 15		5 TO 8	10 TO 12	2	5	3 TO 15	5 TO 15
<b>ADDITION &amp; RENOVATION NOTE/ADDITIONAL POINTS</b>	2	2	1	1	1	1	1	2		15 TO 45			1 TO 3			1		1 TO 3	
<b>NATIONAL GREEN BUILDING STANDARD REFERENCE PAGE NUMBER</b>	41	41	42	42	42	42	42	42	43	44	44	46	48	48	49	53	60	61	61
<b>INSULATING PRODUCTS</b>																			
EnergyComplete™ w/Flexible Seal Technology, Whole Home Insulation & Air Sealing System																			
<i>Fiberglass Loosefill Insulation:</i>																			
AttiCat® Expanding Blown-In Loosefill Insulation, <b>PROPINK</b> Complete™ Blown-In Insulation, <b>PROPINK</b> ® L77 Fiberglas™ Loosefill Insulation																			
<i>Fiberglass Blanket Insulation:</i>																			
PINK™ Fiberglas™ Thermal Batts & Rolls, <b>PROPINK</b> FastBatt® Insulation, UltraVantage® Comfort Touch™ Fiberglass Insulation Roll, Flame Spread 25 Insulation																			
<i>Foam Insulation:</i>																			
Insulated Concrete Forming Systems																			
FOAMULAR® XPS Foam Insulation Products																			
FanFold Underlayment Board																			
Flashing Tape, FoamSealIR,™ House Wrap, Foam Ventilation Baffles																			
<i>HVAC Insulation:</i>																			
QuietR® AcoustiTEX® Duct Liner, QuietR® AcousticR® Duct Liner, QuietR® Duct Board, & SoftR® All Service Fiberglas™ Duct Wrap (FSK Faced and Unfaced)																			
<i>Pipe Insulation:</i>																			
Fiberglas™ SSL® I & SSLI1® Pipe Insulation with All Service Jacket (ASJ)																			
<b>MASONRY PRODUCTS</b>																			
Cultured Brick® Manufactured Brick, Cultured Stone® Manufactured Stone Veneer, ProStone® Manufactured Stone Veneer																			
<b>ROOFING &amp; ASPHALT PRODUCTS</b>																			
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																			
<b>WINDOWS</b>																			
Innovation™ & Solace® Windows																			

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
<b>SECTION</b>	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
<b>NEW CONSTRUCTION MANDATORY</b>						YES	YES							
<b>NEW CONSTRUCTION POINTS</b>	3 TO 9	4	12	3	4	1	4	2	6	3*	3	1 TO 18	9	15
<b>ADDITION &amp; RENOVATION NOTE/ADDITIONAL POINTS</b>										1*				
<b>NATIONAL GREEN BUILDING STANDARD REFERENCE PAGE NUMBER</b>	28	28	28	29	29	31	31	31	31	32	32	32	34	35
<b>INSULATING PRODUCTS</b>														
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FOAMULAR® XPS Foam Insulation Products														
FanFold Underlayment Board														
Flashing Tape, FoamSealIR,™ House Wrap, Foam Ventilation Baffles														
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WeatherLock® Ice & Water Barrier Products														
<b>WINDOWS</b>														
Innovation™ & Solace® Windows														

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-8
<b>SECTION</b>	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
<b>NEW CONSTRUCTION MANDATORY</b>	YES						YES			YES
<b>NEW CONSTRUCTION POINTS</b>	4	4	5	5	5	8	3	10		2
<b>ADDITION &amp; RENOVATION NOTE/ADDITIONAL POINTS</b>	4							3	2	7
<b>NATIONAL GREEN BUILDING STANDARD REFERENCE PAGE NUMBER</b>	71	72	73	74	74	78	78	79	80	81
<b>INSULATING PRODUCTS</b>										
EnergyComplete™ w/Flexible Seal Technology, Whole Home Insulation & Air Sealing System										
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SUPPLEMENTAL SECTIONAL INFORMATION for Owens Corning Products	
<b>SECTION</b>	
Mandatory Fenestration U-Factor and SHGC	Innovation™ & Solace® Windows meet U-Factor and SHGC Requirements
701.4.4 pg 43	
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	