

ASPHALT SHINGLE PRODUCTS THAT CONFORM TO THE 2006 INTERNATIONAL RESIDENTIAL CODE (IRC) AND 2006 INTERNATIONAL BUILDING CODE (IBC), AS MODIFIED WITH 2006 TEXAS REVISIONS
Effective March 20, 2009

The 2006 IRC and IBC, with 2006 Texas Revisions, require asphalt shingle roof coverings installed in areas where the basic wind speed is 110 mph or higher to conform to ASTM D 3161, Class F, or as an alternative, determined in accordance with ASTM D 6381 and UL 2390. Shingle product wrappers that are not labeled as conforming to one of the following test standards (ASTM D 3161, Class F; ASTM D 6381 and UL 2390, Class G or H; or ASTM D 7158, Class G or H) are not acceptable for installation on structures seeking TWIA insurance eligibility.

Asphalt shingle manufacturers have tested their asphalt shingle roof covering products to these standards and the asphalt shingle wrappers shall bear a label indicating compliance with ASTM D 3161, Class F or using one of the alternative methods listed. Asphalt shingles tested to ASTM D 3161, Class F, are appropriate for installation on sloped roofs. (Reference: IRC Sect. R905.2.6 and IBC Sect. 1504.1.1) As an alternative, asphalt shingles may be tested to determine the resistance of the sealant to uplift force using ASTM D 6381 and for the installation to be designed using UL 2390 to determine appropriate uplift and force coefficients applied to the shingle. (Reference: IBC Sect. 1609.5.2) The alternative method is not referenced in the IRC, but may be applied to residential structures. Asphalt shingles tested to ASTM D 6381 are appropriate for installation on sloped roofs. ASTM D 7158 combines ASTM D 6381 and UL 2390 into one standard. ASTM D 7158 is not referenced in the 2006 IRC or IBC. ASTM D 7158 is referenced in the 2007 Supplement to the 2006 IRC and IBC, and most manufacturers have embraced ASTM D 7158 testing and labeling of their products. Asphalt shingles tested to ASTM D 7158 are appropriate for installation on sloped roofs.

Wind Resistance of Asphalt Shingles Summary:

ASTM D 3161, Class F – Asphalt shingles tested and labeled on the wrapper as conforming to ASTM D 3161, Class F are acceptable for installation where the basic wind speed is less than or equal to 130 mph.

Alternative Test Methods:

ASTM D 6381/UL 2390 –Asphalt shingles tested and labeled on the wrapper as conforming to ASTM D 6381 and UL 2390, Class G are acceptable for installation where the basic wind speed is less than or equal to 120 mph. Asphalt shingles tested and labeled on the wrapper as conforming to ASTM D 6381 and UL 2390, Class H are acceptable for installation where the basic wind speed is less than or equal to 130 mph.

ASTM D 7158 – Asphalt shingles tested and labeled on the wrapper as conforming to ASTM D 7158, Class G are acceptable for installation where the basic wind speed is less than or equal to 120 mph. Asphalt shingles tested and labeled on the wrapper as conforming to ASTM D 7158, Class H are acceptable for installation where the basic wind speed is less than or equal to 130 mph.

APPLICABILITY OF ASPHALT SHINGLE TESTS TO CATASTROPHE ZONES			
ZONE	BASIC WIND SPEED	ASTM D 3161	ASTM D 6381/UL 2390 OR ASTM D 7158
INLAND II	110	Class F	Class G or Class H
INLAND I	120	Class F	Class G or Class H
SEAWARD	130	Class F	Class H

Notes: Asphalt shingles must conform to the appropriate classification for either ASTM D 3161, ASTM D 6381/UL 2390, or ASTM D 7158. Conformance with more than one standard is not required.

Texas Department of Insurance Windstorm Inspections

2006 IRC and IBC Asphalt Shingle Products			Wrapper Label Standard Reference		
Manufacturer	Product	Plant Location	ASTM D 3161 Class	ASTM D 6381 UL 2390 Class	ASTM D7158 Class
Atlas Roofing Corporation	Alpine ³	Ardmore, OK	F	--	--
Atlas Roofing Corporation	Chalet ³	Hampton, GA	F	H	H
Atlas Roofing Corporation	GlassMaster 25 ³	Ardmore, OK	F	H	H
Atlas Roofing Corporation	GlassMaster 25 ³	Hampton, GA	F	H	H
Atlas Roofing Corporation	Pinnacle 35	Daingerfield, TX	F	H	H
Atlas Roofing Corporation	Pinnacle 35	Meridian, MS	F	H	H
Atlas Roofing Corporation	Pinnacle 45	Daingerfield, TX	F	H	H
Atlas Roofing Corporation	StormMaster LM	Daingerfield, TX	F	H	H
Atlas Roofing Corporation	StormMaster ST ³	Ardmore, OK	F	--	--
Atlas Roofing Corporation	Stratford ³	Hampton, GA	F	H	H
Atlas Roofing Corporation	Stormmaster Slate ³	Ardmore, OK	F	H	H
CertainTeed Corporation	Carriage House Shangle	Oxford, NC	F	H	H
CertainTeed Corporation	Centennial Slate	Oxford, NC	F	H	H
CertainTeed Corporation	CT20 ³	Avery, OH	F	H	H
CertainTeed Corporation	CT20 ³	Oxford, NC	F	H	H
CertainTeed Corporation	CT20 ³	Shreveport, LA	F	H	H
CertainTeed Corporation	Grand Manor Shangle	Oxford, NC	F	H	H
CertainTeed Corporation	Hatteras	Oxford, NC	F	H	H
CertainTeed Corporation	Landmark	Peachtree City, GA	F	H	H
CertainTeed Corporation	Landmark	Shakopee, MN	F	H	H
CertainTeed Corporation	Landmark	Shreveport, LA	F	H	H
CertainTeed Corporation	Landmark	Wilmington, CA	F	H	H
CertainTeed Corporation	Landmark Plus	Birmingham, AL	F	H	H
CertainTeed Corporation	Landmark Plus	Shakopee, MN	F	H	H
CertainTeed Corporation	Landmark Plus	Shreveport, LA	F	H	H
CertainTeed Corporation	Landmark Premium	Birmingham, AL	F	H	H
CertainTeed Corporation	Landmark Premium	Shakopee, MN	F	H	H
CertainTeed Corporation	Landmark Premium	Shreveport, LA	F	H	H
CertainTeed Corporation	Landmark Special	Birmingham, AL	F	H	H
CertainTeed Corporation	Landmark TL, aka Landmark TL Ultimate	Birmingham, AL	F	H	H
CertainTeed Corporation	Landmark TL	Fremont, CA	F	--	--
CertainTeed Corporation	Landmark TL IR	Birmingham, AL	F	H	H
CertainTeed Corporation	Patriot ³	Oxford, NC	F	H	H
CertainTeed Corporation	Presidential Shake	Birmingham, AL	F	H	H
CertainTeed Corporation	Presidential Shake	Fremont, CA	F	--	--
CertainTeed Corporation	Presidential Shake TL, aka Presidential Shake TL Ultimate	Birmingham, AL	F	H	H
CertainTeed Corporation	Presidential Shake TL	Fremont, CA	F	--	--
CertainTeed Corporation	XT 25 ³	Oxford, NC	F	H	H
CertainTeed Corporation	XT 25 ³	Shreveport, LA	F	H	H
CertainTeed Corporation	XT 30 ³	Oxford, NC	F	H	H
CertainTeed Corporation	XT 30 ³	Shreveport, LA	F	H	H
CertainTeed Corporation	XT 30 IR ³	Shreveport, LA	F	H	H
GAF-Elk Corporation	Camelot	Mt. Vernon, IN	F	H	H
GAF-Elk Corporation	Capstone®, Capstone® 40 with FLXTM	Tuscaloosa, AL	F	H	H
GAF-Elk Corporation	Country Mansion	Mt. Vernon, IN	--	H	H
GAF-Elk Corporation	Grand Canyon	Fontana, CA	F	H	H
GAF-Elk Corporation	Grand Sequoia	Fontana, CA	F	H	H

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GAF-Elk Corporation	Grand Slate	Mt. Vernon, IN	--	H	H
GAF-Elk Corporation	Marquis WeatherMax ³	Minneapolis, MN	--	H	H
GAF-Elk Corporation	Royal Sovereign ³	Dallas, TX	--	H	H
GAF-Elk Corporation	Royal Sovereign ³	Fontana, CA	--	H	H
GAF-Elk Corporation	Sentinel ³	Dallas, TX	--	H	H
GAF-Elk Corporation	Sentinel ³	Fontana, CA	--	H	H
GAF-Elk Corporation	Sentinel ³	Mt. Vernon, IN	--	H	H
GAF-Elk Corporation	Slateline	Mt. Vernon, IN	F	H	H
GAF-Elk Corporation	Timberline Armorshield II, Prestique X-tra	Tuscaloosa, AL	F	H	H
GAF-Elk Corporation	Timberline® Natural Shadow™	Dallas, TX	F	H	H
GAF-Elk Corporation	Timberline® Natural Shadow™, Raised Profile	Ennis, TX	F	H	H
GAF-Elk Corporation	Timberline® Natural Shadow™	Fontana, CA	--	H	H
GAF-Elk Corporation	Timberline® Natural Shadow™	Michigan City, IN	F	H	H
GAF-Elk Corporation	Timberline® Natural Shadow™, Raised Profile	Shafter, CA	F	H	H
GAF-Elk Corporation	Timberline® Natural Shadow™, Raised Profile	Tuscaloosa, AL	F	H	H
GAF-Elk Corporation	Timberline® Prestique® 30, Timberline 30	Dallas, TX	F	H	H
GAF-Elk Corporation	Timberline® Prestique® 30, Prestique® High Definition	Ennis, TX	F	H	H
GAF-Elk Corporation	Timberline® Prestique® 30	Fontana, CA	--	H	H
GAF-Elk Corporation	Timberline® Prestique® 30, Timberline 30	Michigan City, IN	F	H	H
GAF-Elk Corporation	Timberline® Prestique® 30, Prestique® High Definition	Shafter, CA	F	H	H
GAF-Elk Corporation	Timberline® Prestique® 30, Prestique® High Definition	Tuscaloosa, AL	F	H	H
GAF-Elk Corporation	Timberline® Prestique® 40, Timberline Select 40	Baltimore, MD	F	H	H
GAF-Elk Corporation	Timberline® Prestique® 40, Prestique® I High Definition	Ennis, TX	F	H	H
GAF-Elk Corporation	Timberline® Prestique® 40	Fontana, CA	--	H	H
GAF-Elk Corporation	Timberline® Prestique® 40, Timberline Select 40	Michigan City, IN	F	H	H
GAF-Elk Corporation	Timberline Prestique® Cool Color Series	Shafter, CA	F	H	H
GAF-Elk Corporation	Timberline Prestique® Grande	Ennis, TX	F	H	H
GAF-Elk Corporation	Timberline® Prestique® 40, Prestique® 1 High Definition	Shafter, CA	F	H	H
GAF-Elk Corporation	Timberline® Prestique® Lifetime, Timberline Ultra	Baltimore, MD	F	H	H

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GAF-Elk Corporation	Timberline® Prestique® Lifetime, Prestique® Plus High Definition	Ennis, TX	F	H	H
GAF-Elk Corporation	Timberline® Prestique® Lifetime	Fontana, CA	--	H	H
GAF-Elk Corporation	Timberline® Prestique® Lifetime, Timberline Ultra	Michigan City, IN	F	H	H
GAF-Elk Corporation	Timberline® Prestique® Lifetime, Prestique® Plus High Definition	Shafter, CA	F	H	H
Owens Corning Fiberglass Corporation	Berkshire	Minneapolis, MN	F	--	--
Owens Corning Fiberglass Corporation	Classic ₃	Atlanta, GA	F	--	--
Owens Corning Fiberglass Corporation	Classic ₃	Denver, CO	F	--	--
Owens Corning Fiberglass Corporation	Classic ₃	Irving, TX	F	--	--
Owens Corning Fiberglass Corporation	Classic ₃	Medina, OH	F	--	--
Owens Corning Fiberglass Corporation	Classic ₃	Memphis, TN	F	--	--
Owens Corning Fiberglass Corporation	Classic ₃	Minneapolis, MN	F	--	--
Owens Corning Fiberglass Corporation	Classic ₃	Summit, IL	F	--	--
Owens Corning Fiberglass Corporation	Duration	Irving, TX	F	--	--
Owens Corning Fiberglass Corporation	Duration	Minneapolis, MN	F	--	--
Owens Corning Fiberglass Corporation	Duration	Summit, IL	F	--	--
Owens Corning Fiberglass Corporation	Duration Premium	Irving, TX	F	--	--
Owens Corning Fiberglass Corporation	Duration Premium	Minneapolis, MN	F	--	--
Owens Corning Fiberglass Corporation	Duration Premium	Summit, IL	F	--	--
Owens Corning Fiberglass Corporation	Oakridge, Oakridge Pro 30	Brookville, IN	F	--	--
Owens Corning Fiberglass Corporation	Oakridge, Oakridge Pro 30	Compton, CA	F	--	--
Owens Corning Fiberglass Corporation	Oakridge, Oakridge Pro 30	Denver, CO	F	--	--
Owens Corning Fiberglass Corporation	Oakridge, Oakridge Pro 30	Houston, TX	F	--	--
Owens Corning Fiberglass Corporation	Oakridge, Oakridge Pro 30	Irving, TX	F	--	--
Owens Corning Fiberglass Corporation	Oakridge, Oakridge Pro 30	Jacksonville, FL	F	--	--

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Owens Corning Fiberglass Corporation	Oakridge, Oakridge Pro 30	Medina, OH	F	--	--
Owens Corning Fiberglass Corporation	Oakridge, Oakridge Pro 30	Minneapolis, MN	F	--	--
Owens Corning Fiberglass Corporation	Oakridge, Oakridge Pro 30	Portland, OR	F	--	--
Owens Corning Fiberglass Corporation	Oakridge, Oakridge Pro 30	Savannah, GA	F	--	--
Owens Corning Fiberglass Corporation	Oakridge, Oakridge Pro 30	Summit, IL	F	--	--
Owens Corning Fiberglass Corporation	Oakridge Pro 40	Compton, CA	F	--	--
Owens Corning Fiberglass Corporation	Oakridge Pro 40	Denver, CO	F	--	--
Owens Corning Fiberglass Corporation	Oakridge Pro 40	Houston, TX	F	--	--
Owens Corning Fiberglass Corporation	Oakridge Pro 40	Irving, TX	F	--	--
Owens Corning Fiberglass Corporation	Oakridge Pro 50	Compton, CA	F	--	--
Owens Corning Fiberglass Corporation	Oakridge Pro 50	Denver, CO	F	--	--
Owens Corning Fiberglass Corporation	Oakridge Pro 50	Houston, TX	F	--	--
Owens Corning Fiberglass Corporation	Prominence ₃	Medina, OH	F	--	--
Owens Corning Fiberglass Corporation	Supreme ₃	Denver, CO	F	--	--
Owens Corning Fiberglass Corporation	Supreme ₃	Irving, TX	F	--	--
Owens Corning Fiberglass Corporation	Supreme ₃	Medina, OH	F	--	--
Owens Corning Fiberglass Corporation	Supreme ₃	Summit, IL	F	--	--
Owens Corning Fiberglass Corporation	WeatherGuard HP	Houston, TX	F	--	--
PABCO [®] Roofing Products	Cascade	Tacoma, WA	F	--	--
PABCO [®] Roofing Products	GG-20 ₃	Tacoma, WA	F	--	--
PABCO [®] Roofing Products	Paramount	Tacoma, WA	F	--	--
PABCO [®] Roofing Products	Paramount Advantage	Tacoma, WA	F	--	--
PABCO [®] Roofing Products	Precise	Tacoma, WA	F	--	--
PABCO [®] Roofing Products	Premier Advantage	Tacoma, WA	F	--	--
PABCO [®] Roofing Products	Premier 30	Tacoma, WA	F	--	--
PABCO [®] Roofing Products	Premier 40	Tacoma, WA	F	--	--
PABCO [®] Roofing Products	Premier 50	Tacoma, WA	F	--	--
PABCO [®] Roofing Products	SG-30 ₃	Tacoma, WA	F	--	--
Tamko Building Products, Inc.	Elite Glass-Seal ₃	Frederick, MD	F	H	H
Tamko Building Products, Inc.	Elite Glass-Seal ₃	Joplin, MO	F	H	H
Tamko Building Products, Inc.	Elite Glass-Seal ₃	Tuscaloosa, AL	F	H	H
Tamko Building Products, Inc.	Glass-Seal ₃	Frederick, MD	--	H	H
Tamko Building Products, Inc.	Glass-Seal ₃	Joplin, MO	--	H	H
Tamko Building Products, Inc.	Glass-Seal ₃	Tuscaloosa, AL	F	H	H

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Tamko Building Products, Inc.	Heritage 30	Dallas, TX	F	H	H
Tamko Building Products, Inc.	Heritage 30	Joplin, MO	F	H	H
Tamko Building Products, Inc.	Heritage 30	Frederick, MD	F	H	H
Tamko Building Products, Inc.	Heritage 30	Phillipsburg, KS	F	H	H
Tamko Building Products, Inc.	Heritage 30	Tuscaloosa, AL	F	H	H
Tamko Building Products, Inc.	Heritage 50	Dallas, TX	F	H	H
Tamko Building Products, Inc.	Heritage 50	Frederick, MD	F	H	H
Tamko Building Products, Inc.	Heritage 50	Phillipsburg, KS	F	H	H
Tamko Building Products, Inc.	Heritage 50	Tuscaloosa, AL	F	H	H
Tamko Building Products, Inc.	Heritage Vintage	Phillipsburg, KS	F	H	H
Tamko Building Products, Inc.	Heritage XL	Dallas, TX	F	H	H
Tamko Building Products, Inc.	Heritage XL	Frederick, MD	F	--	--

Notes: The symbol "--" in the 2006 IRC and IBC Shingle Products table indicates that the shingle is not labeled to indicate compliance with the ASTM standard.

The words (AR), (Algae Eater), or (StainGuard®) on the shingle wrapper indicate that the asphalt shingle product is manufactured with "Algae Resistant" aggregate and does not effect the products conformity to ASTM D 3161, ASTM D 6381, or ASTM D 7158.

The superscript "3" indicates the shingle is a three-tab shingle product.