



GARAGE DOORS



SOS Item No.: 89087 Lead Time: 24 Days

LOWE'S RESIDENTIAL RETAIL PRICING WINDCODE® W3-W8



. ~

Revision Date: 05-01-05 Page 18 of 37 10.000

......

. ..

Catalog ID CWP-MIL-1725



GARAGE DOORS



SOS Item No.: 89087 Lead Time: 24 Days

LOWE'S RESIDENTIAL RETAIL PRICING WINDCODE® W3-W8

Florida **Selection Chart**

Follow the 5 Easy Steps Below to Select Your Door, then have it Professionally Installed*

* Due to the complexity of installing WINDCODE doors, meeting codes and pulling permits, we highly recommend professional installation (see shaded box at bottom).

Choosing the Right WINDCODE[®] Door

Determine the minimum Wind Speed (MPH) your door must meet or exceed from the map below



Using Wind Speed (MPH), Exposure and Structural Type, find your WINDCODE "W" rating in charts below

Exposure B							
Structural Type	100 MPH	110 MP	H 120 N	1PH 130) MPH	140MPH	150 MPH
One-story	W3	W3	w	4	W5	W6	W 7
Two-story	W3	W3	w	4	W5	W6	W 7
Exposure C							
Structural Type	100 MPH	110 MPH	120 MPH	130 MPH	140 MPH	· 146 MPH·	150 MPH
One-story	W3/W4	W4	W5	W6	W 7	W7	W8
Two-story	W4	W5	W6	W7	W7	W8/W9	W8/W9

* Broward County is 140 MPH and Miami-Dade County is 146 MPH, Exposure C only

FOR ASSISTANCE CALL 1-877-266-8490 FAX 1-800-526-1618

(subject to change without notice)

Vendor #15559

Revision Date: 05-01-05 Page 14 of 37

Catalog ID CWP-MIL-1725

@2005 by Lowe's All rights reserved Lowe's and the nable design are registered trademarks of LETLC.





SOS Item No.: 89087 Lead Time: 24 Days

GARAGE DOORS



LOWE'S RESIDENTIAL RETAIL PRICING WINDCODE® W3-W8

WINDCODE*

Model Specifications Summary

Select a Model that meets or exceeds your WINDCODE "W" rating

MODEL

MODE



GOLD SERIES

NUMBER			RAT	INE	•			S	TYL	.Ε		INS	ULI	AUD	UN				201	LUF	١		an d	MIR	ШU	10
	8M	W7	W6	W5	W4	W3		Flush	Ranch	Classic Raised		Non-Insulated	3/2 10	1 ¾ I	2"		Gray	Hunter Green	Brown	Sandtone	Almond	White		Plain	Designer Inserts	Designer Classic
68							*												•		•	•		•		
67					•		22				ĝ.					10	•			•			100			0
66		1	•							-	28					333							諁	0	•	0
65							22												•	•						•
64							20									8										
62LG							*							•											•	C

PANEL

- · Thick polstyrene insulation
- · Steel + Insulation + Steel construction
- Tongue & groove joint
- · Hot-dipped galvanized steel skin with baked on primer and top coat
- Pre-finished white end stiles

- · Commercial duty steel rollers
- Patented Safe-T-Bracket[€]
- · Bottom weatherseal in rust proof aluminum retainer
- · Storm ready simply close door and lock

001.00

- Lifetime paint system warranty
- 3 Year hardware warranty



SILVER SERIES

- %" thick polstyrene insulation (vinyl backed)
- Steel + Insulation construction
- Rust proof Tog-L-Loc™ secures steel frame to skin
- · Hot-dipped galvanized steel skin with baked on primer and top coat

WINDCODE PANEL

UMDEN			HAL	11.15				0	8.6.	л.		into.		لللله	O.			20			_	_	<u>, </u>	1.1	
	8M	W7	8	W5	×	W3		Flush	ìch	Classic Raised		Non-Insulated	3/2 19/2	1 1%"	2"	Gray	Hunter Green	Brown	Sandtone	Almond	White		Plain	Designer Inserts	Designer Classic
52LS				۲		•	1			•	23		•					•						•	0

- · Commercial duty steel rollers
- Patented Safe-T-Bracket[∞]
- · Bottom weatherseal in rust proof aluminum retainer
- · Storm ready simply close door and lock
- · 25 Year paint system warranty
- · 3 Year hardware warranty



BRONZE SERIES

- · Steel construction (non-insulated)
- Rust proof Tog-L-Loc[™] secures steel frame to skin
- · Hot-dipped galvanized steel skin with baked on
- primer and top coat
- · Commercial duty steel rollers
- · Patented Safe-T-Bracket»
- MODEL WINDCODE PANE INSULATION COLOR WINDOV RATING STYLE 1 Me N N Ranch IdSSI Haised ated . 0 42 48
 - · Bottom weatherseal in rust proof aluminum retainer
 - · 2-point locking system (W2 doors only)
 - · Storm ready simply close door and lock
 - Lifetime paint system warranty (Model 48)
 - 10 Year paint system warranty (Model 42)
 - · 3 Year hardware warranty

FOR ASSISTANCE CALL 1-877-266-8490 FAX 1-800-526-1618

ject to change without notice

Vendor #15559

Revision Date: 05-01-05 Page 15 of 37

Catalog ID CWP-MIL-1725



- Excellent for new construction or reroofing.
- Backed by a 20-year limited warranty.
- Available in a variety of colors to complement any combination of building materials: wood, stone, brick or stucco.
- Well-defined nailing-area line helps ensure application accuracy.
- Ceramic mineral granules are available in a variety of beautiful colors.
- Strong, moisture-resistant fiberglass mat provides strength and protection.
- Weathering-grade asphalt coating provides excellent waterproofing protection.
- Self-sealing strip of asphalt improves wind resistance.
- Certification: Listed by UL for: Class A Fire Rating Wind Resistance ASTM D 3462 Fed. Spec: Exceeds SS-S-001534, Class A, Type I

Tested in compliance with: UL 790/ASTM D 3018, Type I, ASTM E 108, Class A UL 997/ASTM D 3161, Type I, Class F (110 mph)

Produced at: Frederick, Maryland - Joplin, Missouri - Phillipsburg, Kansas

http://www.tamko.com/residential/shingles/3/g-seal.htm

10/17/2005



http://www.tamko.com/residential/shingles/3/g-seal.htm

10/17/2005



 Glass-Seal Glass-Seal
Glass-Seal AR
Elite Glass-Seal[®] AR

ROOFING PRODUCTS

THREE-TAB ASPHALT SHINGLES

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO ROOF-ING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

THIS PRODUCT IS COVERED BY A LIMITED WARRANTY, THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER. IN COLD WEATHER (BELOW 40°F), CARE MUST BE TAKEN TO AVOID DAMAGE TO THE EDGES AND CORNERS OF THE SHIN-GLES

IMPORTANT: It is not necessary to remove the plastic strip from the back of the shingles.

I. ROOF DECK

These shingles are for application to roof decks capable of receiving and retaining fasteners, and to inclines of not less than 2 in. per foot. For roofs having pitches 2 in. per foot to less than 4 in. per foot, refer to special instructions titled "Low Slope Application". Shingles must be applied properly. TAMKO assumes no responsibility for leaks or defects resulting from improper application, or failure to properly prepare the surface to be roofed over

NEW ROOF DECK CONSTRUCTION: Roof deck must be smooth. dry and free from warped surfaces. It is recommended that metal drip edges be installed at eaves and rakes.

PLYWOOD: All plywood shall be exterior grade as defined by the American Plywood Association. Plywood shall be a minimum of 3/8 in. thickness and applied in accordance with the recommendations of the American Plywood Association.

SHEATHING BOARDS: Boards shall be well-seasoned tongue-andgroove boards and not over 6 in. nominal width. Boards shall be a 1 in. nominal minimum thickness. Boards shall be properly spaced and nailed.

2. VENTILATION

Inadequate ventilation of attic spaces can cause accumulation of moisture in winter months and a build up of heat in the summer. These conditions can lead to:

- 1. Vapor Condensation
- 2. Buckling of shingles due to deck movement.
- 3. Rotting of wood members.
- 4. Premature failure of roof.

To insure adequate ventilation and circulation of air, place louvers of sufficient size high in the gable ends and/or install continuous ridge and soffit vents.

FHA minimum property standards require one square foot of net free ventilation area to each 150 square feet of space to be vented, or one square foot per 300 square feet if a vapor barrier is installed on the warm side of the ceiling or if at least one half of the ventilation is provided near the ridge. If the ventilation openings are screened, the total area should be doubled.

IT IS PARTICULARLY IMPORTANT TO PROVIDE ADEQUATE VEN-TILATION.

3. FASTENING

NAILS: TAMKO recommends the use of nails as the preferred method of application

WIND CAUTION: Extreme wind velocities can damage these shingles

after application when proper sealing of the shingles does not occur. This can especially be a problem if the shingles are applied in cooler months or in areas on the roof that do not receive direct sunlight. These conditions may impede the sealing of the adhesive strips on the shingles. The inability to seal down may be compounded by prolonged cold weather conditions and/or blowing dust. In these situations, hand sealing of the shingles is recommended. Shingles must also be fastened according to the fastening instructions described below.

Elite Glass-Seal[®]

Correct placement of the fasteners is critical to the performance of the shingle. If the fasteners are not placed as shown in the diagram and described below, this will result in the termination of TAMKO's liabilities under the limited warranty. TAMKO will not be responsible for damage to shingles caused by winds in excess of the applicable mph as stated in the limited warranty. See limited warranty for details.

FASTENING PATTERNS: Fasteners must be placed above or below the factory applied sealant in an area between 5-1/2" and 6-3/4" from the butt edge of the shingle. Fasteners should be located horizontally according to the diagram below. Do not nail into the sealant. TAMKO recommends nailing below the sealant whenever possible for greater wind resistance.

1) Standard Fastening Pattern. (For use on decks with slopes 2 in. per foot to 21 in. per foot.) One fastener 1 in. back from each end and one 12 in. back from each end of the shingle for a total of 4 fasteners. (See standard fastening pattern illustrated below).



2) Mansard or High Wind Fastening Pattern. (For use on decks with slopes greater than 21 in. per foot.) One fastener 1 in. back from each end and one fastener 10-1/2 in. back from each end and one fastener 13-1/2 in. back from each end for a total of 6 fastener per shingle. (See Mansard fastening pattern illustrated below.)



NAILS: TAMKO recommends the use of nails as the preferred method

(Continued)

	Central District	220 West 4th St., Joplin, MO 64801	800-641-4691	08/05
Visit Our Web Site at	Northeast District	4500 Tamko Dr., Frederick, MD 21701	800-368-2055	
	Southeast District	2300 35th St., Tuscaloosa, AL 35401	800-228-2656	
www.tamko.com	Southwest District	7910 S. Central Exp., Dallas, TX 75216	800-443-1834	-
	Western District	5300 East 43rd Ave., Denver, CO 80216	800-530-8868	- 1



(CONTINUED from Pg. 1)

Glass-Seal Elite Glass-Seal[®] Glass-Seal AR · Elite Glass-Seal® AR **ROOFING PRODUCTS** THREE-TAB ASPHALT SHINGLES

of application. Standard type roofing nails should be used. Nail shanks should be made of minimum 12-gauge wire, and a minimum head diameter of 3/8 in. Nails should be long enough to penetrate 3/4 in. into the roof deck. Where the deck is less than 3/4 in. thick, the nails should be long enough to penetrate completely through plywood decking and extend at least 1/8 in. through the roof deck. Drive nail head flush with the shingle surface.



STAPLES: If staples are used in the attaching process, follow the above instructions for placement. All staples must be driven with pneumatic staplers. The staple must meet the following minimum dimensional requirements. Staples must be made from a minimum 16 gauge galvanized wire. Crown width must be at least 15/16 in. (staple crown width is measured outside the legs). Leg length should be a minimum of 1-1/4 in. for new construction and 1-1/2 in. for reroofing thus allowing a minimum deck penetration of 3/4 in. The crown of the staple must be parallel to the length of the shingle. The staple crown should be driven flush with the shingle surface. Staples that are crooked, underdriven or overdriven are considered improperly applied.



CAUTION: DO NOT FASTEN INTO THE FACTORY APPLIED ADHE-SIVE.

4 IINDERLAYMENT

UNDERLAYMENT: An underlayment consisting of asphalt saturated felt must be applied over the entire deck before the installation of TAMKO shingles. Failure to add underlayment can cause premature failure of the shingles which is not covered by TAMKO's limited warranty. Apply the felt when the deck is dry. On roof decks 4 in. per foot and greater apply the felt parallel to the eaves lapping each course of the felt over the lower course at least 2 in. Where ends join, lap the felt 4 in. If left exposed, the underlayment felt may be adversely affected by moisture and weathering. Laying of the underlayment and the shingle application must be done together.

Products which are acceptable for use as underlayment are:

- TAMKO No. 15 Asphalt Saturated Organic Felt

- A non-perforated asphalt saturated organic felt which meets ASTM: D226, Type I

- Any TAMKO non-perforated asphalt saturated organic felt

In areas where ice builds up along the eaves or a back-up of water from frozen or clogged gutters is a potential problem, TAMKO's Moisture Guard Plus® waterproofing underlayment (or any specialty eaves flashing product) may be applied to eaves, rakes, ridges, valleys, around chimneys, skylights or dormers to help prevent water damage. Contact TAMKO's Technical Services Department for more information.

TAMKO does not recommend the use of any substitute products as shingle underlayment.

5. APPLICATION INSTRUCTIONS

STARTER COURSE: A starter course may consist of TAMKO Shingle Starter, self-sealing type shingles or a 9 inch wide strip of mineral surface roll roofing. If self-sealing shingles are used, remove the exposed tab portion and install with the factory applied adhesive adjacent to the eaves. Attach the starter course with approved fasteners along a line parallel to and 3 in. to 4 in. above the eaves edge. The starter course should overhang both the eaves and rake edges 1/4 in. to 3/8 in. If a roll roofing is used, seal down the shingles in the first course by applying adhesive cement in four spots equally spaced to the surface of the starter strip and press the shingle down on the spots of cement. Plastic cement should be used sparingly, as excessive amounts may cause blistering

SHINGLE APPLICATION: There are three different offset methods for applying strip shingles: the 4-inch method, the 5-inch method and the 6-inch method. By removing different lengths from the first shingle, cutouts in one course of shingles do not line up directly with those of the course below. It is recommended that the shingles be laid according to one of these methods consistent with procedures outlined in ARMA's Residential Asphalt Roofing Manual. This panel will feature the 4-inch method. For information regarding the other methods, please refer to the ARMA Residential Asphalt Roofing Manual.

CAUTION: Never use an alignment system where shingle joints are closer than 4 in. to one another.



6. LOW SLOPE APPLICATION

On pitches 2 in. per foot to 4 in. per foot cover the deck with two layers of asphalt saturated felt. Begin by applying the felt in a 19 in. wide strip along the eaves and overhanging the drip edge by 1/4 to 3/4 in. Place a full 36 in. wide sheet over the 19 in. wide starter piece, completely overlapping it. All succeeding courses will be positioned to overlap the preceding course by 19 in. If winter temperatures average 25°F or less, thoroughly cement the felts to each other with plastic cement from eaves and rakes to a point of a least 24 in. inside the interior wall line of the building. As an alternative, TAMKO's Moisture Guard Plus® self-adhering waterproofing underlayment may be used in lieu of the cemented felts.

(Continued)

Visit Our Web Site at	Central District Northeast District Southeast District	220 West 4th St., Joplin, MO 64801 4500 Tamko Dr., Frederick, MD 21701 2300 35th St., Tuscaloosa, AL 35401	800-641-4691 800-368-2055 800-228-2656	08/05
www.tamko.com	Southwest District Western District	7910 S. Central Exp., Dallas, TX 75216 5300 East 43rd Ave., Denver, CO 80216	800-443-1834 800-530-8868	2



(CONTINUED from Pg. 2)



Elite Glass-Seal[®]

· Elite Glass-Seal® AR

THREE-TAB ASPHALT SHINGLES

7. MANSARD ROOF OR STEEP SLOPE ROOF

If the slope exceeds 21 in. per foot (60°), each shingle must be sealed with quick setting asphalt adhesive cement immediately upon installation. Spots of cement must be equivalent in size to a \$.25 piece and applied to shingles with a 5 in. exposure, use 6 fasteners per shingle. See Section 3 for the Mansard Fastening Pattern.

8. RE-ROOFING

Before re-roofing, be certain to inspect the roof decks. All plywood shall meet the requirements listed in Section 1.

Nail down or remove curled or broken shingles from the existing roof. Replace all missing shingles with new ones to provide a smooth base. Shingles that are buckled usually indicate warped decking or protruding nails. Hammer down all protruding nails or remove them and refasten in a new location. Remove all drip edge metal and replace with new.

If re-roofing over an existing roof where new flashing is required to protect against ice dams (freeze/thaw cycle of water and/or the backup of water in frozen or clogged gutters), remove the old roofing to a point at least 24 in. beyond the interior wall line and apply TAMKO's Moisture Guard Plus® waterproofing underlayment. Contact TAMKO's Technical Services Department for more information.

The nesting procedure described below is the preferred method for reroofing over square tab strip shingles with a 5 in. exposure.

Starter Course: Begin by using TAMKO Shingle Starter or by cutting shingles into 5 x 36 inch strips. This is done by removing the 5 in. tabs from the bottom and approximately 2 in. from the top of the shingles so that the remaining portion is the same width as the exposure of the old shingles. Apply the starter piece so that the self-sealing adhesive lies along the eaves and is even with the existing roof. The starter strip should be wide enough to overhang the eaves and carry water into the gutter. Remove 3 in. from the length of the first starter shingle to ensure that the joints from the old roof do not align with the new.

First Course: Cut off approximately 2 in. from the bottom edge of the shingles so that the shingles fit beneath the existing third course and align with the edge of the starter strip. Start the first course with a full 36 in. long shingle and fasten according to the instructions printed in Section 3.



Visit Our Web Site at www.tamko.com Central District Northeast District Southeast District Southwest District Western District

method you choose to use, remove the appropriate length from the rake end of the first shingle in each succeeding course. Place the top edge of the new shingle against the butt edge of the old shingles in the courses above. The full width shingle used on the second course will reduce the exposure of the first course to 3 in. The remaining courses will automatically have a 5 in. exposure.

9. VALLEY APPLICATION

Over the shingle underlayment, center a 36 in. wide sheet of TAMKO Nail-Fast® or a minimum 50 lb. roll roofing in the valley. Nail the felt only where necessary to hold it in place and then only nail the outside edges.

IMPORTANT: PRIOR TO INSTALLATION WARM SHINGLES TO PRE-VENT DAMAGE WHICH CAN OCCUR WHILE BENDING SHINGLES TO FORM VALLEY.

· Apply the first course of shingles along the eaves of one of the intersecting roof planes and across the valley.

Note: For proper flow of water over the trimmed shingle, always start applying the shingles on the roof plane that has the lower slope or less height.

- · Extend the end shingle at least 12 in. onto the adjoining roof. Apply succeeding courses in the same manner, extending them across the valley and onto the adjoining roof.
- · Do not trim if the shingle length exceeds 12 in. Lengths should vary.
- · Press the shingles tightly into the valley.
- · Use normal shingle fastening methods.

Note: No fastener should be within 6 in. of the valley centerline, and two fasteners should be placed at the end of each shingle crossing the valley.

 To the adjoining roof plane, apply one row of shingles extending it over previously applied shingles and trim a minimum of 2 in. back from the centerline of the valley

Note: For a neater installation, snap a chalkline over the shingles for guidance.

· Clip the upper corner of each shingle at a 45-degree angle and embed the end of the shingle in a 3 in. wide strip of asphalt plastic cement. This will prevent water from penetrating between the courses by directing it into 36" wide TAMKO Nail Fast# or 50 lb. or

Shingles trimmed 2" back from valley centerline

the valley. · CAUTION: Adhesive must be applied in smooth.

thin, even layers.

Excessive use of adhesive will cause blistering to this product.

220 West 4th St., Joplin, MO 64801

4500 Tamko Dr., Frederick, MD 21701

7910 S. Central Exp., Dallas, TX 75216

5300 East 43rd Ave., Denver, CO 80216

2300 35th St., Tuscaloosa, AL 35401

800-641-4691 800-368-2055 800-228-2656 800-443-1834 800-530-8868

08/05

(Continued)



(CONTINUED from Pg. 3)

 Glass-Seal • Glass-Seal AR

- Elite Glass-Seal[®] · Elite Glass-Seal® AR

THREE-TAB ASPHALT SHINGLES

TAMKO assumes no responsibility for blistering.

FOR ALTERNATE VALLEY APPLICATION METHODS, PLEASE CON-TACT TAMKO'S TECHNICAL SERVICES DEPARTMENT.

10. HIP AND RIDGE FASTENING DETAIL

Apply the shingles with a 5 in. exposure beginning at the bottom of the hip or from the end of the ridge opposite the direction of the prevailing winds. Secure each shingle with one fastener 5-1/2 in. back from the exposed end and 1 in. up from the edge. Do not nail directly into the sealant.

TAMKO recommends the use of TAMKO Hip & Ridge shingle products. Where matching colors are available, it is acceptable to use TAMKO's Glass-Seal or Elite Glass-Seal shingles cut down to 12 in. pieces.

NOTE: AR type shingle products should be used as Hip & Ridge on Glass-Seal AR and Elite Glass-Seal AR shingles.

Fasteners should be 1/4 in. longer than the one used for shingles

IMPORTANT: PRIOR TO INSTALLATION, CARE NEEDS TO BE TAKEN TO PREVENT DAMAGE WHICH CAN OCCUR WHILE BEND-ING SHINGLES IN COOL WEATHER.

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUC-TIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO **ROOFING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR** LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAIL-URE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.



THIS PRODUCT IS COVERED BY A LIMITED WARRANTY. THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER.

IMPORTANT - READ CAREFULLY BEFORE OPENING BUNDLE

In this paragraph "You" and Your" refer to the installer of the shingles and the owner of the building on which these shingles will be installed. This is a legally binding agreement between You and TAMKO Roofing Products, Inc. ("TAMKO"). By opening this bundle You agree: (a) to install the shingles strictly in accordance with the instructions printed on this wrapper; and (b) leaks and other roofing defects resulting from failure to follow the manufacturers installation instructions printed on this wrapper are not covered by the limited warranty that is also printed on this wrapper, or any other warranty, including, but not limited to (except where prohibited by law) implied warranties of MERCHANTABILITY and FITNESS FOR USE.

Visit Our Web Site at	Central District Northeast District Southeast District	220 West 4th St., Joplin, MO 64801 4500 Tamko Dr., Frederick, MD 21701 2300 35th St., Tuscaloosa, AL 35401	800-641-4691 800-368-2055 800-228-2656	08/0
www.tamko.com	Southwest District Western District	7910 S. Central Exp., Dallas, TX 75216 5300 East 43rd Ave., Denver, CO 80216	800-443-1834 800-530-8868	1

TAMKO Glass-Seal®_____PRODUCT DATA THREE-TAB ASPHALT SHINGLES

TAMKO GLASS-SEAL TAMKO GLASS-SEAL® self-sealing 3-tab shingles are made with a tough TAMKO fiberglass mat coated on both sides with a thick layer of weatheringgrade asphalt and surfaced with ceramic mineral granules. USES For application to roof decks with inclines of not less than 2 inches per foot. For slopes between 2 inches and 4 inches per foot, refer to wrapper instructions. **ADVANTAGES** · 20-year limited warranty, 3-year FULL START, limited transferability, winds up to 60 MPH. Superior fire resistance compared to organic shingles. CERTIFICATIONS Listed by UL for: Tested in compliance with: **Class A Fire Rating** UL 790/ASTM D 3018, Type I; ASTM E 108, Class A UL 997/ASTM D 3161, Type I Wind Resistance **ASTM D 3462** Fed. Spec.: Exceeds SS-S-001534, Class A, Type I COLORS White Weathered Wood Tweed Blend Rustic Cedar Antique Slate Rustic Black **PRODUCT DATA*** Shingle size 12-1/4" X 36" Exposure 5-1/8" 36" Shingles per square 78 Bundles per square 3 Nail 12-1/4" *All values stated as nominal Zone 5-1/8" 5-5/8" Exposure CAUTION: The National Institute for Occupational Safety and Health (NIOSH) has concluded that fumes of heated asphalt are a potential occupational carcinogen. Do not heat or burn this product. For information regarding a copy of TAMKO's limited warranty, contact your local TAMKO representative, visit us online at ww.tamko.com, or call us a 800-641-4691. 02/2005 Central District 220 West 4th St., Joplin, MO 64801 800-641-4691 Northeast District 4500 Tamko Dr., Frederick, MD **ROOFING PRODUCTS** 21701 800-368-2055 Southeast District 2300 35th St., Tuscaloosa, AL 35401 800-228-2656 TAMKO Logo, Roofer Logo, TAMKO Glass-Seal* and TAMKO* are registered trademarks of TAMKO* Roofing Products, Inc. Southwest District 7910 S. Central Exp., Dallas, TX 75216 800-443-1834 Western District 5300 East 43rd Ave., Denver, CO 80216 800-530-8868