

AMERICAN SHINGLES

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AMERICAN SHINGLES PTY LIMITED

NATIONAL OFFICE:
UNIT 26, 56 O'RIORDAN STREET
ALEXANDRIA NSW 2015

TELEPHONE: 1300 131 881
FACSIMILE: 1300 731 881

EMAIL: info@americanshingles.com.au

TECHNICAL DATA SHEET

CertainTeed ™ EXTRA TOUGH 25

1. PRODUCT NAME:

CertainTeed XT™25 Roofing Shingles
CertainTeed XT™25 AR Roofing Shingles

2. MANUFACTURER:

CertainTeed Corporation
Roofing Products Group
750 E. Swedesford Road
P.O. Box 860
Valley Forge, PA 19482
www.certainteed.com

DISTRIBUTOR (Australia/Oceania/SE Asia):

American Shingles Pty Limited
National Office:
Unit 26, 56 O'Riordan Street
Alexandria NSW 2015
Telephone: 1300 131 881 Int'l: +61 2 9317 3553
Facsimile: 1300 731 881 Int'l: +61 2 9317 3551

3. PRODUCT DESCRIPTION:

An extra-heavy, three-tab construction combines exceptional durability with flexibility for better resistance to blow-off. Available in "English" dimensions – 305mm x 915mm (12" x 36").

XT 25 is available in some regions in an algae-resistant version (XT 25 AR), which protects against staining or discoloration caused by algae.

XT 25 shingles are available in the following colours: Autumn Brown, Black, Cedar Brown, Cinnamon Frost, Coral Frost, Dove Grey, Evergreen Blend, Grey Frost, Maple Red Blend, Mint Frost, Moiré Black, Nickel Grey, Oakwood, Pewter, Regal Bark, Sandalwood, Slate Grey, Star White, Tile Red Blend, Timber Blend, and Weathered Wood. Colour and product availability can vary by region.

XT 25 AR shingles are available in the following colours: Cedar Brown, Cinnamon Frost, Dove Grey, Evergreen Blend, Silver Lining, Mint Frost, Moiré Black, Oakwood, Slate Grey, Star White, Tile Red Blend, Timber Blend and Weathered Wood. Colour and product availability can vary by region.

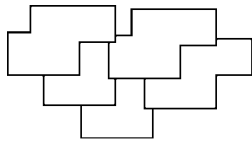
Limitations: Use on roofs with slopes greater than 9.5° (2" per foot). Low slope applications from 9.5° to 18.5° (2" to 4" per foot) require additional underlayment. In areas where icing along the eaves can cause a backup of water, apply CertainTeed WinterGuard™ Waterproofing Shingle Underlayment, or its equivalent, according to application instructions provided with the product and on the shingle package.

On slopes greater than 60° (21" per foot), apply a 25mm (1") diameter spot of asphalt roofing cement (ASTM D 4586, Type II) under each shingle tab corner according to application instructions provided on the shingle package.

Composition and Materials: XT 25 (and AR) shingles are composed of a fibreglass mat base. Ceramic-coated mineral granules are tightly embedded in specially refined, water-resistant asphalt. The algae-resistant shingles utilize specially formulated granules to retard algae growth. XT 25 (and AR) shingles have self-sealing adhesive. They are both 3-tab shingles.



Importers of quality roofing shingles, shakes and rainwater products



4. TECHNICAL DATA:

Weight/square metre (approx.):	10.99kg/m ²	225 lbs/sq.
Dimensions (overall):	305mm x 915mm nominal	12" x 36"
Shingles/square metre:	8.61/m ²	80/square
Weather exposure:	127mm	5"

Applicable Standards:

ASTM D3018, Type I	UL 790 Fire Resistance: Class A
ASTM D3462	UL 997 Wind Resistance
ASTM E108 Class A Fire Resistance	NYC-MEA-120-79-M
ASTM D3161 Class F Wind Resistance	ICC-ES ESR-1389 (Avery Metric Pending)
ASTM D7158 Class H Wind Resistance	CSA Standard A123.5-98 (& -05) (except CT20)
UL 2390/ASTM D6381 Class H Wind Resistance	Ontario BMEC Auths. 97-10-219 and 97-12-221
TDI Windstorm Resistance	Florida Product Approval # FL5444

5. INSTALLATION:

Detailed installation instructions including diagrams are supplied on each bundle of XT25 shingles, or separate application sheets may be obtained from CertainTeed. The following is a general summary of installation methods. NOTE - Refer to application instructions supplied with the shingles for further information and application procedures.

Roof Deck Requirements: Apply shingles to minimum 9.5mm (3/8") thick plywood, minimum 12mm nominal (7/16") thick non-veneer (e.g. OSB), or minimum 25mm (1") thick (nominal) wood decks. The plywood or non-veneer decks must comply with the specifications of APA -The Engineered Wood Association.

Ventilation: Provisions for ventilation should meet or exceed current US HUD Standards. To insure adequate ventilation, use a combination of continuous ridge ventilation (using a product such as Ridge FilterVent® or Ridge Filter ShingleVent® II, manufactured by Air Vent Inc., a CertainTeed subsidiary) and balanced soffit venting.

Valleys: Valley liner must be applied before shingles. The Closed-Cut valley application method is recommended, using CertainTeed WinterGuard Waterproofing Shingle Underlayment, or its equivalent, to line the valley prior to being fully covered by the shingles.

Underlayment: At standard slopes of 18.5° (4" per foot or greater) a single layer of Roofers' Select™ High-Performance shingle underlayment (or product meeting ASTM D 4869) is recommended. For UL fire rating, underlayment may be required. Corrosion-resistant drip edge is recommended and should be placed over the underlayment at the rake and beneath the underlayment at the eaves.

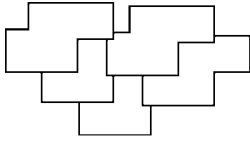
On low slopes from 9.5° to 18.5° (2" to 4" per foot), apply CertainTeed WinterGuard Waterproofing Shingle Underlayment or its equivalent, or two layers of 915mm (36") wide felt shingle underlayment (Roofers' Select High-Performance Underlayment or product meeting ASTM D 4869) lapped 483mm (19"), over entire deck according to the application instructions provided with the product. When WinterGuard is applied to the rake area, the drip edge may be installed under or over WinterGuard. At the eave, when WinterGuard does not overlap the gutter or fascia, the drip edge must be installed under WinterGuard. When WinterGuard overlaps the fascia or gutter, the drip edge or other metal must be installed over it.

Fastening: Four nails are required per shingle. Nails are to be located 16mm (5/8") above the top of each cutout and 25mm (1") and 305mm (12") in from each side of the shingle. They must be of sufficient length to penetrate into the deck 19mm (3/4") or through the thickness of the decking, whichever is less. Nails are to be 11 or 12 gauge, corrosion-resistant roofing nails with 9.5mm diameter (3/8") heads.

On steep slopes greater than 60° (21") per foot, apply a 25mm (1") diameter spot of asphalt roofing cement (ASTM D 4586, Type II) under each shingle tab corner according to application instructions provided on the shingle package.

Application: The recommended application method is the Six-Course, 6" Stepped-Off Diagonal Method found on each bundle of shingles. These shingles may also be applied using the 5" Stepped-Off Diagonal Method, or





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the 6" Offset, Single-Column Vertical-Racking Method, instructions for which may be obtained from CertainTeed. These shingles may be used for new construction or for re-roofing over old shingles. Flashing: Use corrosion-resistant metal flashing.

Hips and Ridges: Use XT 25 (and AR) shingles for capping hips and ridges. Double coursing will accent the rooflines and improve overall appearance.

6. AVAILABILITY AND COST:

Contact **American Shingles** for current pricing and supply information for Australia, Oceania & SE Asia regions.

7. WARRANTY:

XT 25 (and AR) shingles carry a 25-year limited, transferable warranty to the consumer against manufacturing defects. For specific warranty details and limitations, refer to the 2013 International Limited Warranty (available from **American Shingles** or by writing to CertainTeed Corporation).

8. MAINTENANCE:

XT 25 shingles do not require maintenance when installed according to manufacturer's application instructions. However, to protect the investment, any roof should be routinely inspected at least once a year.

9. TECHNICAL SERVICES:

Complete technical support and assistance are available through **American Shingles** via the fully staffed and equipped Research and Development facility in Blue Bell, Philadelphia.

10. FILING SYSTEMS:

Sweets® Catalogue; Sweets® Internet Website: www.sweets.com
SweetSource® Electronic Catalogue
ARCAT™; ARCAT™ Internet Website: www.arcat.com

For additional information and literature contact **American Shingles Ph 1300 131 881 Facsimile 1300 731 881**
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