

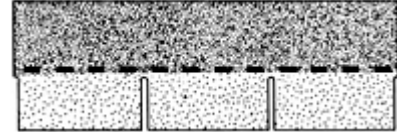
Technical Data Sheet

XT™ 30 Shingles
XT™ 25 Shingles
CT™ 20 Shingles



PRODUCT INFORMATION

CertainTeed offers a variety of three-tab shingle products that combine exceptional durability with flexibility for better resistance to blow-off. In addition to their suitability for residential applications, these products are ideal for commercial applications. Available in “English” dimensions – 12" x 36" and in “Metric” dimensions – 13 1/4" x 39 3/8", depending on the product and sales region.



Algae Resistant (AR) versions of these shingles are available in some regions. Algae resistant shingles help protect against staining or discoloration caused by algae.

Colors: Please refer to the product brochure or CertainTeed website for the colors available in your region.

Limitations: Use on roofs with slopes greater than 2" per foot. Low slope applications (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 21" per foot, apply a spot of roofing cement under each shingle tab corner according to application instructions provided on the shingle package.

Product Composition: These shingles are composed of a fiber glass mat base. Ceramic-coated mineral granules are tightly embedded in carefully refined, water-resistant asphalt. These shingles have self-sealing adhesive. These are 3-tab shingles.

Applicable Standards:

ASTM D3018 Type I	UL 790 Class A Fire Resistance
ASTM D3462	ICC-ES ESR-1389 and ESR-3537
ASTM E108 Class A Fire Resistance	CSA Standard A123.5 (except CT20 & XT 25 English)
ASTM D3161 Class F Wind Resistance	Florida Product Approval # FL5444
ASTM D7158 Class H Wind Resistance	Miami-Dade Product Control Approved

Technical Data:

	XT 30 – English
Weight/Square (approx.):	215 lbs
Dimensions (overall):	12" x 36"
Shingles/Square:	80
Weather Exposure:	5"

	XT 25 – English
Weight/Square (approx.):	205 lbs
Dimensions (overall):	12" x 36"
Shingles/Square:	80
Weather Exposure:	5"

	XT 25 – Metric
Weight/Square (approx.):	220 lbs
Dimensions (overall):	13-1/4" x 39-3/8"
Shingles/Square:	65
Weather Exposure:	5-5/8"

	CT 20 – English
Weight/Square (approx.):	195 lbs
Dimensions (overall):	12" x 36"
Shingles/Square:	80
Weather Exposure:	5"

	CT 20 – Metric
Weight/Square (approx.):	195 lbs
Dimensions (overall):	13-1/4" x 39-3/8"
Shingles/Square:	65
Weather Exposure:	5-5/8"

INSTALLATION

The following is a general summary of the installation methods. Detailed installation instructions are supplied on each bundle of strip shingles and must be followed. Separate application sheets may also be obtained from CertainTeed.

Roof Deck Requirements: Apply shingles to minimum 3/8" thick plywood, minimum 7/16" thick non-veneer (e.g. OSB), or minimum 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 HUD Standards. To ensure adequate balance ventilation, use a combination of continuous ridge ventilation (using CertainTeed Ridge Vent products, or a comparable product with an external baffle) combined with 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:

On slopes 4" per foot or greater, CertainTeed recommends one layer of DiamondDeck® Synthetic Underlayment, or Roofers' Select® High-Performance shingle underlayment, or shingle underlayment meeting ASTM D226, D4869 or ASTM D6757. Always ensure sufficient deck ventilation, and take particular care when DiamondDeck or other synthetic underlayment is installed. 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. Follow manufacturer's application instructions.

On low slopes (2" up to 4" per foot), one layer of CertainTeed's WinterGuard Waterproofing Shingle Underlayment (or equivalent meeting ASTM D1970) or two layers of 36" wide felt shingle underlayment (Roofers' Select High-Performance Underlayment or product meeting ASTM D226, D4869 or ASTM D6757) lapped 19" must be applied over the entire roof, ensure sufficient deck ventilation. When DiamondDeck or other synthetic underlayment is installed, weather-lap at least 20" and ensure sufficient deck ventilation. 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 should be installed under WinterGuard. When WinterGuard overlaps the fascia or gutter, the drip edge or other metal must be installed over it. Follow manufacturer's application instructions.

Fastening: Four nails are required per shingle. For English-sized shingles they are to be located 5/8" above the top of each cutout and 1" and 12" in from each side of the shingle. For Metric-sized shingles they are to be located 1" and 13-1/8" in from each side of the shingle. They must be of sufficient length to penetrate into the deck 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 3/8" heads.

On steep slopes greater than 21" per foot, apply a spot of roofing cement under each shingle tab corner according to application instructions provided on the shingle package.

Application (English-Sized Shingles): 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 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.

Application (Metric-sized shingles): The recommended application method is the Seven Course, 5-5/8" Stepped-Off Diagonal Method found on each bundle of shingles. These shingles may also be applied using the Eight Course, 5" Stepped-Off Diagonal Method or the Half-Tab Diagonal Method, instructions for which may be obtained from CertainTeed. These shingles may be used for new construction or for reroofing over old shingles.

Flashing: Use corrosion-resistant metal flashing.

Hips and Ridges: Use field shingles of a like color for capping hips and ridges.

MAINTENANCE

These 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. Older roofs should be looked at more frequently.

WARRANTY

XT 30 (and AR), shingles carry a 30-year limited transferable warranty, XT 25 (and AR) carry a 25-year limited transferable warranty, and CT 20 (and AR), shingles carry a 20 year limited transferable warranty to the consumer against manufacturing defects. All of these shingles carry 5-year SureStart protection except for CT 20 which carries 3-year SureStart protection. For specific warranty details and limitations, refer to the warranty itself (available from the local supplier, roofing contractor or on-line at www.certainteed.com).

FOR MORE INFORMATION

Sales Support Group: 800-233-8990

Web site: www.certainteed.com

See us at our on-line specification writing tool, CertaSpec, at www.certainteed.com/certaspec.

CertainTeed Roofing

20 Moores Road
Malvern, PA 19355

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