

AMERICAN SHINGLES PTY LIMITED

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TECHNICAL DATA SHEET

Roofers' Select™

HIGH-PERFORMANCE UNDERLAYMENT

1. PRODUCT NAME:

Roofers' Select High-Performance Underlayment

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):

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3. PRODUCT DESCRIPTION:

Basic Use: Roofers' Select is an asphalt-impregnated fibre glass-reinforced organic felt underlayment designed for use on roof decks as a water-resistant layer beneath roofing shingles. It is more dimensionally stable than standard underlayment when wet. Its resistance to "hygro-expansion" significantly reduces the wrinkles that can result when the felt picks up moisture, thereby reducing the occurrence of visually objectionable wrinkles that can telegraph through to the shingles applied over it.

Product Data:

Roll Size (m2.):	40.13m2	432 sq. ft
Roll Coverage (m2):	37.16m2	400 sq. ft
Roll Length (m2):	48 lineal metres	144ft
Roll Width (mm):	915mm	3ft
Shipping Weight (approx.):	19.96kg/roll	44 lb/roll

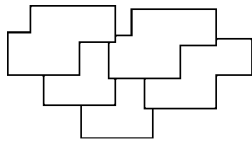
Limitations: This product is not designed to be permanently exposed to sunlight or to the weather. Low-slope application minimum 9.5° (2" per foot). Between slopes of 9.5° to 18.5° (2" per foot up to 4" per foot) apply two layers of Roofers' Select in "shingle-fashion."

Composition and Materials: Roofers' Select is an asphalt-impregnated fibre glass-reinforced organic felt shingle underlayment.

4. TECHNICAL DATA:

Roofers' Select is Classified by UL to be a suitable underlayment for use in any UL Class A, B, or C fire rated shingle system. The properties of Roofers' Select are given in Table 1 below.





	Property	Value (Typical)
Tensile Strength (ASTM D146)	MD, lb/in	75
	CD, lb/in	30
Tear Strength (Elmendorf)	CD, grams	650
	MD, grams	400
Colour		Black
Laying Lines		2" and 17" in from each edge
Resistance to Liquid Water Transmission (ref. ASTM D4869)		Pass

Note: Roofers' Select is manufactured to meet all performance requirements of ASTM D226 and ASTM D4869, including resistance to "liquid water transmission." Manufactured to comply with ASTM D6757.

Table 1: Physical and Mechanical Properties:

5. INSTALLATION:

Storage: Store Roofers' Select rolls on their ends in a dry, protected area at a temperature less than 120°F.

Deck Preparation: Provide a clean, dry and smooth deck surface by eliminating dust, dirt, loose nails and other objects. Before application to existing roofs, remove all roofing materials, and then clean the roof deck until it is free of any dirt, dust, nails, and other materials.

Standard-Slope Application (18.5° and greater): Starting at the lower edge of the roof, apply a single layer of Roofers' Select parallel to the eaves, overhanging drip edge by 13mm (1/2"). Overlap ends (vertical laps) at least 102mm (4") and sides (horizontal laps) at least 50mm (2"). Offset end laps from course to course at least 6 feet. Apply flat and unwrinkled, fastening as required to hold in place.

Low Slope Application (9.5° to 18.5°): Starting at the lower edge of the roof, cover the entire deck by applying a double layer of Roofers' Select parallel to the eaves. Begin by applying a 483mm (19") wide starter strip of Roofers' Select along the eaves, overlapping the drip edge by 13mm (1/2"). Place a full width sheet over the starter, with lower edge flush to the starter's lower edge. Apply succeeding 915mm (36") wide courses up the roof slope, overlapping the previous course by 483mm (19") in "shingle-fashion." Overlap ends at least 305mm (12"). Offset end laps from course to course at least 1800mm (6 feet). Apply flat and unwrinkled, fastening as required to hold in place.

Eaves Flashing for Ice Dam Protection (all slopes): Eaves flashing may be constructed from self-adhering waterproofing underlayment (such as CertainTeed's WinterGuard™ Waterproofing Shingle Underlayment, or its equivalent), or by applying a double layer of Roofers' Select cemented together with asphalt roofing cement (ASTM D 4586 Type I or II). Eaves flashing should be installed to a level of at least 610mm (24") inside the interior wall line, or in areas of severe icing, at least up to the highest water level expected to occur from ice dams.

6. AVAILABILITY AND COST:

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

7. WARRANTY:

None.

8. MAINTENANCE:

Roofers' Select requires no maintenance when installed according to manufacturer's application instructions.

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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