

# Technical Data Sheet

## Roofers' Select™ High-Performance Underlayment



### PRODUCT INFORMATION

Roofers' Select is an asphalt-impregnated fiber-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 (sq. ft.):	432
Roll Coverage (sq. ft.):	400
Roll Length (ft.):	144
Roll Width (ft.):	3
Shipping Weight (approx. lb/roll):	44

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

**Product Composition:** Roofers' Select is an asphalt-impregnated fiber-glass-reinforced organic felt shingle underlayment.

#### 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.

**Table 1: Physical and Mechanical Properties:**

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

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

### 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, then clean the roof deck until it is free of any dirt, dust, nails, and other materials.

**Standard-Slope Application (4:12 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 1/2". Overlap ends (vertical laps) at least 4" and sides (horizontal laps) at least 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 (2:12 up to 4:12):** 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 19" wide starter strip of Roofers' Select along the eaves, overlapping the drip edge by 1/2". Place a full width sheet over the starter, with lower edge flush to the starter's lower edge. Apply succeeding 36" wide courses up the roof slope, overlapping the previous course by 19" in "shingle-fashion." Overlap ends at least 12". Offset end laps from course to course at least 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 II). Eaves flashing should be installed to a level of at least 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.

#### **MAINTENANCE**

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

#### **WARRANTY**

None.

#### **FOR MORE INFORMATION**

Sales Support Group: 800-233-8990

Web site: [www.certainteed.com](http://www.certainteed.com)

#### **CertainTeed Roofing**

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