



WeatherTek

Building Products, LLC

WEATHERTEK is an engineered synthetic composite consisting of four layers designed for sloped roof deck applications as a replacement for asphalt felt. WEATHERTEK features a non-woven top layer providing excellent walkability, and a durable woven bottom layer with anti-skid coating to hold the material in place during installation.



SPECIFICATIONS	WEATHERTEK PRO	WEATHERTEK 20	WEATHERTEK 30	WEATHERTEK TM
ROLL SIZE	48" x 250'	48" x 250'	48" x 250'	48" x 250'
** Also available in 5 square rolls: 48" x 125'				
Weight Per 10 Square (1000 ft ²)	18 Lbs	21 Lbs	25 Lbs	39 Lbs
Rolls / Pallet	72	64	42	36
Thickness ASTM D-1777	6 mils	7 mils	9 mils	12 mils
Tensile Test ASTM D-882 (lb/in)	MD = 85 CD = 54	MD = 87 CD = 62	MD = 120 CD = 80	MD = 130 CD = 87
Tear Test ASTM D-5733 (lbf)	MD = 35; CD = 36	MD = 35; CD = 38	MD 42; CD 45	MD = 68; CD = 79
WVTR ASTM D-4869	PASS	PASS	PASS	PASS
PLIABILITY ASTM D-226	PASS	PASS	PASS	PASS
CODE COMPLIANCE AC-188 & ASTM D8257	PASS	PASS	PASS	PASS
FIRE CLASSIFICATION (ASTM E108)	PASS	PASS	PASS	PASS
WARRANTY	20 YEARS	25 YEARS	30 YEARS	50 YEARS

CUSTOM LOGO AVAILABLE

Benefits

Excellent Tear Resistance:

Designed to withstand jobsite conditions and not tear during installation.

Weather Resistance:

Withstands the elements of the weather as a secondary moisture protection barrier.

Ease of Installation:

Light weight and rolls out easy without wrinkling.

Faster Installation:

33% more coverage per pass vs 36" felt.
14% more coverage per pass vs 42" synthetics

Code Compliant:

Meets or exceeds performance criteria for ASTM D226
Meets or exceeds performance criteria for ASTM D4869
Intertek CCRR-0519, FBC Approval – FL#45958

UV Resistance:

Up to 180 UV exposure



CCRR-0519

FL#45958



WeatherTek Installation Instructions

Deck Preparation:

Prep the roof deck so it's dry and free of dust, dirt, loose nails, debris, and other protrusions. Damaged sheathing must be replaced, and the space beneath the roof sheathing must be properly ventilated before installing WEATHERTEK to avoid potential condensation problems.

Install for Slopes 4:12 and Greater:

WEATHERTEK should be laid out parallel to the eave with the printed side facing up. Lay flat without wrinkles as you work horizontally across the roof deck. Fasten WEATHERTEK to the roof deck using corrosion resistant fasteners with a minimum 1" diameter plastic or metal cap roof nail (*ring shank preferred*). Overlap 4" at all horizontal laps. Overlap 12 inches at all end laps and fasten end laps 6 inches on center. End laps in succeeding course should be placed at least 6 feet from end laps in preceding course. Continue installing the rest of the WEATHERTEK in this fashion by overlapping the second row by 4 inches and work your way up the rest of the roof all the way to the ridge peak. Leave the ridge exposed and continue laying on the other side. When you reach the ridge, fold the WEATHERTEK over both sides (*overlapping a minimum of 6 inches*) and fasten it into position. If a ridge vent is used, please install according to the manufacturers' recommended installation guidelines. Where the seams and joints require sealants or adhesive, it is recommended that a high quality, low solvent, asbestos free plastic roofing cement or adhesive/sealant meeting ASTM D-4586 Type 1, Federal Spec SS-153 Type 1 requirements also be used. Underlayment must be installed in accordance with the provisions of sections 1507 and 1518 of the FBC.

Additional Details and Best Practices:

WEATHERTEK is a secondary weather resistant barrier under the roof cladding. It is NOT to be used as a primary waterproofing membrane. REMINDER: Roof penetrations through the roof deck and through WEATHERTEK underlayment, are not considered watertight until final primary roofing material is in place and roofing installation is completed; hence if left exposed during wet weather, can lead to leakage due to unfinished penetrations and roof openings. Care should be taken if primary roof cladding is not applied same day.

WEATHERTEK is a vapor and water barrier applied to roofs with properly ventilated spaces below in accordance with the requirements of the applicable local building codes. Installation must comply with the applicable local building codes.

Installation is limited to use with approved roof coverings mechanically fastened through the underlayment or battens to the solid sheathing roof deck or rafters.

Install WEATHERTEK and other flashing materials and membranes in shingle lap fashion with top layer overlapping the bottom layer.

All horizontal (head) overlaps should be a minimum 4 inches and all vertical (end) overlaps should be a minimum of 12 inches.

Fasteners every 6 inches on center along the edges both vertically and horizontally and every 12 inches on center in the field areas.

Install an approved roof covering promptly following the application of WEATHERTEK underlayment. If left uncovered, an approved sealant should be applied to all exposed fasteners and lap lines.

It's recommended WEATHERTEK be installed with corrosion-resistant ring shank roofing nails with 1-inch-diameter plastic or metal caps. Corrosion resistant staples can also be used but WILL compromise WEATHERTEK'S weather and wind resistance capabilities. When using staples WEATHERTEK must be covered same day.

Acceptable Roof Coverings by Product:

WEATHERTEK 20 and WEATHERTEK PRO can be used under asphalt shingles.

WEATHERTEK 20 and WEATHERTEK 30 can be used under asphalt shingles, synthetic shingles, metal roofing, and cedar shakes.

WEATHERTEK 20, WEATHERTEK 30, WEATHERTEK TM can be used under asphalt shingles, synthetic shingles, metal roofing, cedar shakes, and tile.

Exposure Period:

WEATHERTEK is a secondary roofing material and must be covered by the primary roofing material within 180 days of installation. If WEATHERTEK is covered with the primary roofing material the same day, then corrosion resistant staples or corrosion resistant 3/8" head x 1" leg roofing nails are acceptable (ring shank preferred). WEATHERTEK recommends covering as soon as possible.

Slopes between 2:12 and 4:12:

Install a 36" course along the eaves with enough corrosion resistant fasteners to hold the material in place. Apply a 48" course on top of the 36" course and overlap each additional course by 50%.

Valleys – Best Practices:

Properly adhere a layer of approved flashing or waterproofing membrane such as an ice & water guard or peel and stick to the roof deck in the valleys prior to installing WEATHERTEK synthetic underlayment. WEATHERTEK should lay flat without air pockets or wrinkles and not be stretched at any time during installation.

Best Practices for Roofers Safety: Always follow safe roofing practices and OSHA safety requirements. Use caution when walking or standing on WEATHERTEK as moisture and/or dusty conditions may reduce traction. Roofers should use and wear properly secured fall protection devices such as roof jacks, toe boards, harnesses, straps, rubber-soled footwear. Failure to use proper safety gear and footwear can result in serious injury.