



PrimeTak

Product Description

Basic Use: PrimeTak is a self-adhesive 60 mil thick “peel and stick” post-applied waterproofing and vapor retarder membrane. PrimeTak consists of 56 mils of highly adhesive rubberized asphalt bonded to a durable 4 mil cross-laminated, grey high density polyethylene (HDPE) backing.

PrimeTak is a post-applied membrane used on concrete foundation walls, split slabs, tunnels, plaza decks, balconies, parking garages and related applications where waterproofing is critical. PrimeTak is compatible with EPRO’s PreTak, HydroGel, TurboSeal, and e.spray fluid-applied composite underslab systems - E.Protect, E.Protect+, and E.Proformance.

PrimeTak is compatible with all different types of over excavated wall construction, two-sided formed concrete walls, single-sided shotcrete, precast concrete, insulated concrete forms (ICF), concrete masonry units (CMU), and wood paneling.

Composition: PrimeTak is a 3.28’ x 65.61’ (1m x 20m) roll consisting of a 4-mil cross-laminated, high-density polyethylene (HDPE) backing, bonded to 56 mils of adhesive rubberized asphalt waterproofing compound.

Benefits

- Excellent durability, puncture resistance and adhesion.
- Fully-adhered to substrate with self-sealing rubberized asphalt and self-adhered seams.
- Extended adhesive selvage edge provides adhesive-to-adhesive adhesion at the seam.
- Factory controlled thickness ensures full waterproofing coverage over the substrate.

Limitations

- Substrate temperatures must be 25°F (-4°C) and rising.
- Substrate must be dry to the touch and free from form release oils, powdered laitance, and waxes.
- Concrete Surface Profile (CSP) must be between 1-3, without a broom or textured surface.
- Membrane rated for a maximum of 30 day sunlight exposure.

Technical Data

Properties: See physical properties table.

Coverage: One roll covers 215 square feet (20 square meters), not including overlaps or waste.

Storage and Handling: Store raised off the floor, away from moisture and sun, between 55-80°F (13-27°C).

Shelf Life: 12 months.

Specification Writer: Contact EPRO before writing specifications

on this product. EPRO System selection should be reviewed in order to meet project specific site conditions.

Installation

Preparation: Please refer to manufacturer’s specifications for substrate requirements. Rolls should be inspected for damage prior to application.

Application: Please refer to manufacturer’s specifications and installaton guide.

Substrate Preparation: A smooth monolithic concrete surface that is free of dust and debris is required. Provide a Concrete Surface Profile (CSP) of 1 thru 3. Broom or textured surfaces are not recommended. Concrete should be dry, frost free, and cured a minimum of seven days prior to application of PrimeTak Primer and PrimeTak membrane. Surface must be free of voids, spalled areas, sharp projections, loose aggregate, and form release agents.

Surface defects such as cracks, single bug holes of ½” (12 mm) or greater, or cavities, should be filled and finished flush with a non-shrink hydraulic grout or concrete. Single bug holes can be filled with PM Sealant.

Concrete masonry (CMU) walls or brick require a well-adhered parge coat before application of membrane. Striking off joints flush with surface is also required.

Horizontal Surfaces: Prior to starting work, check that all horizontal surfaces to be waterproofed slope towards drainage or refer to balcony details for zero-slope applications. PrimeTak can withstand ponding water but is not intended for areas designed to retain water indefinitely.

Installation: Apply PrimeTak Primer and let dry until tacky to the touch. Starting from the lower foundation base, shingle down the membrane in 8 foot (2.4 m) vertical sections with a 6” (150 mm) overlap on staggered endlap seams. Sidelap seams must be a minimum of 2.5” (63 mm). Roll membrane with a hard rubber or steel 4” (100 mm) hand roller. For horizontal surfaces, use a 75 pound (34 kg) linoleum roller.

Availability and Packaging

Contact EPRO sales representative for local distributors or authorized applicators (www.eproinc.com).

Roll Size: 60 mil (1.5 mm), 3.28’ x 65.61’ (1m x 20m), 95 lbs (43 kg)

Warranty

Limited Warranty: EPRO Services, Inc. believes to the best of its knowledge that performance tables are accurate and reliable. EPRO warrants this product to be free from defects. EPRO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. EPRO’s liability shall be limited in all events to supplying sufficient product to retreat the specific areas to which defective



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product has been applied. EPRO shall have no other liability, including liability for incidental or resultant damages, whether due to breach of warranty or negligence. This warranty may not be modified or extended by representatives of EPRO or its distributors.

Equipment

Seaming: 4" (100 mm) heavy seam roller, 75 lbs (34 kg) linoleum roller (for horizontal application), knife, box cutter.

Technical Services and Information

Complete technical services and information are available by contacting EPRO at 800.882.1896 or www.eproinc.com.

This product was formally known as Primetak by Kingfield Construction Products.

Typical Physical Properties

Physical Property	Test Method	Value
Film Color		Dark Grey
Adhesive Color		Black
Thickness	ASTM D 1970	60 Mil
Puncture Resistance	ASTM E 154	72 lbs.
Tensile Strength	ASTM D 882, Method A, 2"/min	49 lbf./in.
Tensile Strength	ASTM D 882, Method A, 2"/min	807 psi
Elongation	ASTM D 882, Method A, 2"/min	422%
Tensile Break Strength	ASTM D 412	748 psi
Tensile Break Elongation	ASTM D 412	282%
Water Absorption	ASTM D 570	0.25%
Tear Resistance	ASTM D 624, Die C	11.7 lbf./in.
Lap Peel Adhesion - T-Peel	ASTM D 1876	17.5 lbf./in.
Peel Adhesion to Concrete	ASTM D903	18.0 lbf./in.
Water Vapor Transmission Rate	ASTM E 96, Method B	0.044 perms
Resistance to Decay	ASTM E 96, Method B (soil exposure)	Pass (<10% Δ)
Hydrostatic Head Resistance	ASTM D 5385	231 ft (70 m)
Low Temperature Flexibility @ -15°F (-26°C)	ASTM D 1970	Pass
Low Temperature Crack Bridging @ -25°F (-32°C)	ASTM C 1305	Pass (100 cycles)

*All tensile results provided for machine direction.

Dimensions: Roll: 3.28'x65.61' (1m x 20m)

Weight: 95 lbs (43 kgs)