



Product Description

Basic Use: PreTak is utilized as a pre-applied sheet membrane for blindside vertical wall waterproofing, pre-applied underslab waterproofing, and methane gas protection for horizontal applications. PreTak can be applied directly to a wide variety of substrates and utilizes a high density polyethylene (HDPE) sheet that once installed provides a tough and durable waterproofing membrane. Combined with a Pressure Sensitive Adhesive (PSA), PreTak fully adheres to freshly placed concrete or shotcrete is applied directly to it, eliminating the potential for lateral water migration.

Composition: PreTak (46 mil/1.2 mm) is a fully adhered waterproofing sheet membrane comprised of a long-fiber HDPE film coated with a PSA gel and protected by a plastic release liner. The edges of PreTak are treated with a 3-inch (70mm) wide pre-adhered seam (selvedge). PreTak HD is a 60 mil version of PreTak and is available upon request.

PreTak is City of Los Angeles approved for waterproofing, methane mitigation, and shotcrete (LARR #26164).

Benefits

- Proven and effective, PreTak has an over 25-year successful track record of performance on projects around the world.
- PreTak is suitable for a variety of critical building envelope applications, challenging site conditions, and contaminated soils.
- Rain and ponding water will not prematurely activate the membrane.
- Surpasses other fully adhered HDPE membrane systems by achieving the ideal blend between value and performance.
- Prevents lateral water migration by forming a continuous adhesive bond to poured-in-place concrete.
- Versatile seam options for hydrostatic, non-hydrostatic, and shotcrete applications.

Limitations

- Should not be used for post-applied waterproofing applications.
- Do not leave exposed for longer than 60 days.
- Excessive substrate moisture needs to be removed prior to application.

Technical Data

Properties: See physical properties table

Coverages: One roll covers 258 square feet (24 m²), not including overlaps or waste. Larger roll sizes are available upon request.

Specification Writer: Contact EPRO before writing specifications on this product. Additional test information available upon request.

Installation

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

Application: Please refer to manufacturer's installation instructions. Installation is efficient and reliable with a manufacturer marked adhesive selvedge allowing for an HDPE-adhesive-HDPE bond at seam overlaps. PreTak delivers superior performance in harsh conditions without the need for specialized equipment, heat, or power.

For guidance on the heat welding option of PreTak, consult manufacturer's installation instructions.

System Components

Standard Detailing & Seaming: PreTape, PreTape D

Sealant: PM Detail Sealant

Waterstop: BentoTak, e.stop gu



Availability and Packaging

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

Roll Size:
Standard: 46 mil, 3'-11" x 65'-6", 70.4 lbs

Warranty

EPRO provides a wide range of warranty options for EPRO systems. For a project to be eligible for any warranty option beyond a 1-year material warranty, an EPRO Authorized Applicator must be used and the project must be registered and approved by EPRO prior to the commencement of any product application.

Warranty options available for this system include:

- Material warranty
- EPRO Labor and Material Warranty
- E.Assurance No-Dollar-Limit Warranty

For information relating to EPRO's E.Assurance warranty program, contact EPRO. All E.Assurance no-dollar-limit labor and material warranties are approved on a project by project basis. E.Assurance warranties are available for deck applications when E.Series systems are used on the below-grade envelope.

Specifications, Drawings, and Technical Assistance

The most current specifications and drawings can be found on www.eproinc.com. For project specific details contact EPRO directly, or the local EPRO representative.

Site conditions, performance goals, and budget determine which system is more appropriate for a given project. For more information regarding product performance, testing, plan review, or general technical assistance, please contact EPRO.

This product was formerly known as Pre-tak by Kingfield Construction Products, Inc.

Physical Property

Test Method

Value

Film Material.....		HDPE
Film Color.....		White
Adhesive Material.....		Pressure Sensitive Adhesive (PSA)
Adhesive Color.....		Clear
Resistance to Hydrostatic Head	ASTM D 751.....	432 ft (131 m)
Elongation	ASTM D 452.....	722%
Tensile Strength, Film.....	ASTM D 412.....	4741 PSI (32.7 MPa)
Puncture Resistance	ASTM E 154	276 lbs (1227 N)
Resistance to Lateral Water Migration.....	ASTM D 5385.....	Pass at 231 ft (71 m) of head pressure
Peel Adhesion to Concrete	ASTM D 903.....	23 lbs/in. (4028 N/m)
Permeance to Water Vapor Transmission	ASTM D 96, method b.....	0.087 perms (US)
Bonded Seam Strength (Heat Weld)	ASTM D 6392.....	Pass*
Dead Load Seam Strength (Heat Weld)	ASTM D 751.....	Pass*
Microorganism Resistance (Soil Burial).....	ASTM D 4068.....	Pass*
Methane Permeability	ASTM D 1434.....	Pass*
Oil Resistance	ASTM D 543.....	Pass*
Heat Resistance.....	ASTM D 4068.....	Pass*
Environmental Stress Cracking.....	ASTM D 1693.....	Pass*

* Testing required for City of Los Angeles Research Report (RR#)

Dimensions: Standard: 3'-11" x 65'-6" (1.2 x 20 m), XL: 7'-10" x 65'-6" (2.4 x 20 m)

Weight: Standard = 70.4 pounds (32 kg), XL = 140.8 pounds (64 kg)