



# P10 Building Wrap & Air Barrier

Micro-perforated for reliable protection in value engineered applications

## Cross-Woven for Strength, Precision Perforated for Time-Tested Performance

CastlePro P10 features a familiar cross-woven construction and precision micro-perforations to provide the most consistently performing water-resistant barrier and prevent water intrusion, restrict air movement and allow vapor to escape to create a better functioning wall system. Robust product certifications, including air barrier and NFPA 285 recognition, make CastlePro P10 your safest choice for an economical building wrap and air barrier.

### Performance Features that Make a Difference

**Robust Water Resistance:** 60 minute water resistance rating when tested in accordance with ICC-ES AC38.

**Certified Air Barrier:** Exceeds requirements of the International Energy Conservation Code.

**UV Stable for 300 Days:** Engineered to withstand the elements.

**Exceeds Building Code Requirements:** Compliant with all applicable US codes, including NFPA 285 for mid-rise commercial structures.

**Excellent Durability:** High tenacity tapes provides class leading strength for proven performance on the jobsite.

**Easier to Install:** Familiar look and feel, and small diameter rolls makes installing efficient and cost effective.

### Roll Sizes

3' x 100'	9' x 100'	10' x 100'
3' x 150'	9' x 150'	10' x 150'
3' x 195'	9' x 195'	10' x 195'

Other sizes available per request.

### The Leader In Custom Printing

All CastlePro Building Wrap and Air Barrier products are available with **BROADCAST®** custom printed advertising. With BROADCAST, customers no longer need to settle for low-resolution, single-color custom printing.



**Full-Color:** Print with an infinite number of colors and shades.

**Largest Image Size:** Artwork can be printed as tall as 40" with unlimited length.

**Alternating Messages:** Advertise with multiple messages for maximum visibility and impact on the jobsite.

**Lowest Minimums:** With quantities as low as 10 rolls, onsite advertising with BROADCAST can benefit any sized business and advertisements can be tailored for specific campaigns.

### Building Code Compliance

- ICC Evaluation Services (AC38)
- HUD/FHA UU-B-790A
- ASTM E 2178
- NFPA 285

### Typical Physical Properties

	Standard	Typical Result <sup>1</sup>	UoM
Basis Weight	ASTM D 5261	72	g/m <sup>2</sup>
Breaking Strength	ASTM D 828	MD:30 / CD:32	lbs/inch
Drainage Efficiency	ASTM E 2273	95	% Efficiency
Water Vapor Transmission Rate	ASTM E 96, Method A	406	g/m <sup>2</sup> /24 hours
Water Vapor Permeance	ASTM E 96, Method A	58	perms
Water Penetration Resistance	AATCC 127	280	cm H <sub>2</sub> O
Water Resistance	ASTM D 779	60	minutes
Air Resistance	ASTM E 2178	< 0.02	L/sec/m <sup>2</sup> @ 75 Pa
Flame Spread Index	ASTM E 84	A	Class
Smoke Developed Index	ASTM E 84	A	Class
Ultraviolet Light (UV) Exposure	Internal	300	Days

<sup>1</sup> Results reflect typical properties of control/non-conditioned specimens. Values should not be interpreted as limiting specifications and will vary within typical manufacturing tolerances.

### Precautions & Warranty

CastlePro products should be stored away from direct exposure to sunlight and be protected from sources of high heat or ignition during transportation, storage and installation. All CastlePro products carry a limited warranty. Please consult the resources section of [www.castleproproducts.com](http://www.castleproproducts.com) or call (804) 321-5867 for the CastlePro limited warranty document. Aside from the published warranty documents, no other warranty, express or implied, is given, including any implied warranty of merchantability or of fitness for a particular purpose. The material manufacturer, Jumpstart Consultants, Inc., believes the information and recommendations herein to be accurate and reliable. However, since the use and conditions are not within its control, Jumpstart Consultants, Inc. does not guarantee results from the use of such products or other information herein and disclaims all liability from any resulting damage or loss.