



# NXT DRAIN Building Wrap & Air Barrier

Contoured surface provides added protection by accelerating the drainage rate of water

## Building Wrap & Air Barrier Engineered for Superior Performance and Enhanced Drainage

CastlePro NXT DRAIN is a non-perforated building wrap and air barrier featuring a contoured, non-compressible surface to promote enhanced drainage of water away from the wall system. The high-density drainage channels provide superior compression resistance than competitive products, ensuring reliable performance for the most demanding applications. Suitable for use in residential and commercial products.

### Performance Features that Make a Difference

**Real World Drainage Performance:** High-density drain channels can't be stretched or compressed like competitive products, offering consistent and reliable performance.

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

**Highest Level of Vapor Transmission:** Allows water vapor to escape at the highest rate to create a healthier wall.

**Excellent Water Resistance:** Five times the water resistance mandated by ICC-ES criteria.

**UV Stable for 120 Days:** Engineered to withstand the elements.

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

**Easier to Install:** Flexible construction and typical roll sizes makes installation familiare and efficient.

### 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 (AC308)
- 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	<b>72</b>	g/m <sup>2</sup>
Breaking Strength	ASTM D 828	<b>MD:30 / CD:32</b>	lbs/inch
Drainage Efficiency	ASTM E 2273	<b>95</b>	% Efficiency
Water Vapor Transmission Rate	ASTM E 96, Method A	<b>406</b>	g/m <sup>2</sup> /24 hours
Water Vapor Permeance	ASTM E 96, Method A	<b>58</b>	perms
Water Penetration Resistance	AATCC 127	<b>280</b>	cm H <sub>2</sub> O
Water Resistance	ASTM D 779	<b>60</b>	minutes
Air Resistance	ASTM E 2178	<b>&lt; 0.02</b>	L/sec/m <sup>2</sup> @ 75 Pa
Flame Spread Index	ASTM E 84	<b>A</b>	Class
Smoke Developed Index	ASTM E 84	<b>A</b>	Class
Ultraviolet Light (UV) Exposure	Internal	<b>120</b>	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.