



## Product Technical Data Sheet

### **GAP WaterGuard “Air Barrier”**

#### Breathable Building Wrap

**Description:** GAP WaterGuard “Air Barrier” Building Wrap is a non-woven polypropylene, one-side coated material utilizing an advanced breathable polymer coating. This structure allows for this material to meet all of the US and Canada “Air Barrier” requirements and is used as a secondary external wall protection, mechanically attached to the wall sheathing under the primary wall cladding material.

**Product Specifications:** Polypropylene white non-woven (75 g/m<sup>2</sup>), 0.95mil average coating weight (natural), total weight 2.9 oz./yd<sup>2</sup> (98 g/m<sup>2</sup>) +/- 5%. Rolls have a 2” core, 36”, 108” & 120” (width) x min. 100’ (length).

#### **Material Performance:**

**Mullen Burst** (ASTM D3786)  
**Grab Tensile** (ASTM D5034)  
**Trapezoidal Tear** (ASTM 4533)  
**Moisture Vapor Transmission** (ASTM E96)  
**Air Porosity** (TAPPI T-460)  
**Hydrostatic Ponding** (AATCC 127)  
**Low Temperature Flexibility** (ASTM D1970)  
**UV Weathering**  
**Class A Fire Rating** (ASTM E84)  
**ICC-ES Acceptance** (AC 38)

#### **Data (MD – Machine Direction, CD - Cross Direction)**

102 psi (703 kPa)  
MD 50 lb. (222 N) / CD 40 lb. (178 N)  
MD 20 lb. (89 N) / CD 15 lb. (68 N)  
11 perms (77 g/day-m<sup>2</sup>)  
0.0014 (L/s/m<sup>2</sup> @ 75Pa)  
581 cm  
Pass (no cracking, -50° C)  
6 months (UV Stabilized to the coating)  
Pass  
ESR-2235

**Note:** We believe that the above statements are reliable and should be used for general guidance purposes only and are not warrants or guarantees for accuracy and completeness. The user must, by test or otherwise, determine suitability for purpose. There is no warrant of fitness for a purpose. Our standard terms and conditions of sale apply exclusively to all orders, and all liability for damages of any kind, including consequential, exceeding purchase price is excluded. No one is authorized by us to make oral warranties. We reserve the right to make changes without notice or obligation in our products or publications. These data should not be considered a specification.