



**FT SYNTHETICS**

**COBALT**<sup>TM</sup>  
**Ultra**

## **ICE AND WATER PROTECTION** **Self Adhered Roofing Underlayment**

### **Designed For Extreme Weather Conditions**

- *High Temperature - both facer and adhesive thermally stable to 300°F (149°C)*
- *Low Temperature Installation - adheres below freezing 10°F (-12°C)*
- *Patented Gripspot™ slip resistant walking surface*
- *Synthetic Adhesive - Asphalt free adhesive technology (No VOC's)*

Cobalt Ultra is a self adhered roof underlayment designed for sloped roof applications to help protect against water infiltration from ice dams and wind driven rain. Cobalt Ultra is designed for use under asphalt shingles, concrete and clay tiles, shakes, synthetic shingles, primed cedar shakes, and all types of metal roofing including high temperature applications such as copper, zinc, and Cor-Ten® roofing panels located in high altitude and southern regions.



**Features:**

- Nail Sealable - meets ASTM D1970
- Chemically resistant/compatible with low slope roofing materials such as EPDM and TPO
- Long shelf life, Limited Lifetime Warranty
- Silicone treated split release liner for easy removal and application

**Specification**

Length / Width per roll  
 Weight / Sq. ft. per roll  
 Rolls per pallet  
 Surface Color  
 Min Installation temp.  
 UV Resistance  
 Warranty  
 Surface

**Typical Values**

67 ft (20.4m) / 36in (91.4cm)  
 28 lbs (13kg) / 200 sq.ft.  
 30 - pallet weight 840 lbs (381kg)  
 Light Gray  
 10°F (-12°C)  
 180 Days  
 Limited Lifetime  
 Patented Gripspot™ slip resistant walking surface

**Specification**

Nail sealability  
 Permeability  
 Minimum Thickness  
 Tensile strength - MD  
 Tensile strength - CD  
 Tear Resistance - MD  
 Tear Resistance - CD  
 Low temp. flexibility  
 Elongation  
 Adhesion to Plywood  
 Adhesion to Galv. Metal  
 Thermal stability

**Standard**

ASTM D1970  
 ASTM E96  
 ASTM D5147  
 ASTM D1970  
 ASTM D1970  
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 ASTM D1970  
 ASTM D1970  
 ASTM D1970  
 ASTM D1970  
 ASTM D903  
 ASTM D903  
 ASTM D1970

**Typical Value**

Pass  
 0.05 Perms  
 40 mils (1.0mm)  
 95 lbs/in  
 90 lbs/in  
 70 lbs  
 60 lbs  
 Pass  
 >11%  
 6 lbs/in (1050 N/m) @ 74°F (23°C)  
 7.5 lbs/in (1315 N/m) @74°F(23°C)  
 300°F (149°C)



Cobalt Ultra Meets or exceeds the following code standards:

ASTM D226-97, ASTM D4869, CAN/CSA A123.3, CAN / CSA A220.1, ASTM D1970, AC-48 acceptance criteria for self adhered underlayments used as ice and water barriers