

# **SHARKSKIN COMP™**

## **THE ULTIMATE ROOF UNDERLAYMENT**

### **ARCHITECTURAL TECHNICAL SPECIFICATION SHEET**

#### **1. Classification**

ROOF COVERING AND ROOF DECK CONSTRUCTION – Underlayment  
SHINGLES, ROOF TILES AND ROOF COVERINGS – 07300

#### **2. Product Name**

SHARKSKIN COMP™

#### **3. Manufacturer**

KIRSCH BUILDING PRODUCTS LLC  
1464 Madera RD.  
Suite #387  
Simi Valley, California 93065  
[www.sharkskin.us](http://www.sharkskin.us)

#### **4. Product Description**

SHARKSKIN COMP™ is 100% polypropylene based, 6 month UV exposure tested, thermally stable with an average melting point of 320 degrees F, a wind and tear resistant reinforced roof underlayment used on steep pitched roof applications under asphalt composition shingles. SHARKSKIN COMP™ is a matt white color (containing) which keeps the building cool inside and out and is easy to handle in extreme heat. SHARKSKIN COMP™ incorporates our patented technology to create SHARK GRIP™ the most slip- resistant wet, dry or dusty roof underlayment on the market, to protect all trades while working on the roof. SHARKSKIN COMP™ can be left exposed for up to 6 months and contains anti-oxidants for long term reliability. SHARKSKIN COMP™ is completely rot proof, will not expand and contract and wrinkle from high and low temperatures changes or moisture like Type 15 or Type 30 organic asphalt felts. SHARKSKIN COMP™ will not scar or melt like fiberglass SBS Underlayments at high temperature or crack at low temperature like asphalt based felts and underlayments. SHARKSKIN COMP™ has been approved as an alternate replacement for Type 15 and Type 30 asphalt roofing felt, exceeds ASTM D226 per RADCO Test Report #3085, has passed ICC AC188 Acceptance Criteria for Roof Underlayments see ESR Report No. 1708.

#### **5. SHARKSKIN COMP™ - Applications**

For use under Asphalt Composition Shingles.

#### **6. SHARKSKIN COMP™ approval criteria:**

ASTM D226 per RADCO REPORT# 3085, International Code Council (ICC) ES AC188, ASTM E-84 Class A Flame Spread, ASTM E-108 Class A Fire underneath Fiberglass Shingles.

**7. SHARKSKIN COMP™ ----Technical data and Comparison with ----- ASTM Type 30 felt**

<b>PROPERTY</b>	<b>STANDARD</b>	<b>SPECIFICATION</b>	<b>ASTM TYPE 30 Felt</b>
Self Sealability	ASTM D1970-01	Pass	<b>NA</b>
Flame Spread Class A	ASTM E-84	Pass	<b>NA</b>
Class A Fire (FG Shingles)	ASTM E-108	Pass	<b>NA</b>
Tensile Strength	ASTM D1970-01	Mean 67lbs MD – 40lbs CD	<b>NA</b>
Tensile Strength after Accelerated Aging	ASTM D1970-01	Mean 69lbs MD – 43lbs CD	<b>NA</b>
Tensile Strength after Ultraviolet	ASTM D1970-01	Mean 66lbs – 44lbs CD	<b>NA</b>
Tensile Strength	ASTM D226-97a ASTM D146-97	Average 67lbs MD- 40lbs CD	<b>70lbs MD- 38lbsCD</b>
Operating Temperature Range	-50F – 320F	Polypropylene Chemistry	<b>NA</b>
Ultraviolet Exposure	ICBOES AC48	No Visible Damage	<b>NA</b>
Accelerated Aging	ICBOES AC48	No Visible Damage	<b>NA</b>
Liquid Water Transmission	ASTM D4869-02	No Visible Damage	<b>Pass</b>
Nominal Thickness	ASTM D1777	0.010 inches	<b>60 mils</b>
Weight Per Square	ASTM D5261	3 lbs	<b>27.5lbs</b>
Water Vapor Permeance	ASTM E96-00	Mean Result 0.059 Perms 3.36ng/Pa-S-m2	<b>NA</b>
Unroll-ability	ICBOES AC188	Pass- No Cracking or Tearing	<b>NA</b>
Pliability	ASTM D226-97a	Pass -No Cracking or Tearing	<b>NA</b>

**SHARKSKIN COMP™**

**Specifically developed for extreme roof conditions over a 10-year research and development period.**

**8. Installation**

**SHARKSKIN COMP™** underlayment is installed with a 2”- 4” horizontal overlap and 12” vertical side lap. The underlayment is laid horizontally (parallel) to the eave with the printed slip resistant side up, and is fastened using corrosion resistant 1” diameter metal round top nails, and or 1” diameter plastic cap nails with galvanized shanks spaced at 4” on center (o.c.) across the top horizontal edge of the underlayment and 6” o.c. vertical side laps. The bottom horizontal edge should be nailed 6”-12” o.c. or as needed to prevent against wind driven rain and high winds. The underlayment should be nailed 12” o.c. across the field of the underlayment or as needed. The use of peel and stick tapes is suggested to seal **SHARKSKIN COMP™** as needed. **SHARKSKIN COMP™** is UV resistant for 6 months