

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
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Simi Valley, California 93065
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, passed ICC AC188 Acceptance Criteria for Roof Underlayments.

CODE APPROVALS - ICC-ES see ESR Report No. 1708, Miami/Dade see NOA # 09-1123.02, Florida Building Code see FBC #FL8097-R1.

5. SHARKSKIN COMP™ - Applications

For use under Asphalt Composition Shingles and Metal roofing systems.

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

PROPERTY	STANDARD	SPECIFICATION	ASTM TYPE 30 Felt
Self Sealability	ASTM D1970-01	Pass	NA
Flame Spread Class A	ASTM E-84	Pass	NA
Class A Fire (FG Shingles)	ASTM E-108	Pass	NA
Tensile Strength	ASTM D1970-01	Mean 140lbs MD – 127lbs CD	NA
Tensile Strength after Accelerated Aging	ASTM D1970-01	Mean 143lbs MD – 123lbs CD	NA
Tensile Strength after Ultraviolet	ASTM D1970-01	Mean 153lbs MD –1 47bs CD	NA
Operating Temperature Range	-50F – 320F	Polypropylene Chemistry	NA
Ultraviolet Exposure	ICBOES AC48	No Visible Damage	NA
Accelerated Aging	ICBOES AC48	No Visible Damage	NA
Liquid Water Transmission	ASTM D4869-02	No Visible Damage	Pass
Nominal Thickness	ASTM D1777	13 mils	45 mils
Weight Per Square	ASTM D5261	3.7 lbs	27.5lbs
Water Vapor Permeance	ASTM E96-00	Mean Result 0.059 Perms 3.36ng/Pa-S-m2	NA
Unroll-ability	ICBOES AC188	Pass- No Cracking or Tearing	NA
Pliability	ASTM D226-97a	Pass -No Cracking or Tearing	NA

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 3” 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 plastic or metal round top nails with galvanized shanks, 3/8” EG roofing nails and staples per Sharkskin Comp roll label instructions. The use of peal and stick tapes is required at all vertical and horizontal laps to create a complete vapor barrier with SHARKSKIN COMP™ as needed.. SHARKSKIN COMP™ is UV resistant for 6 months