MAXFELT XT

MAXIMUM TRACTION PROVEN SATISFACTION

MaxFelt XT is a high-quality synthetic roofing underlayment that offers maximum traction to roofing crews, as well as proven protection against the elements.

TECHNICAL DATA & PERFORMANCE COMPARISON

PHYSICAL PROPERTIES	TEST METHOD	NO. 15 FELT	NO. 30 FELT	MAXFELT XT
Grab Tensile Strength MD (lbs)	ASTM D 751	54	70	95
Grab Tensile Strength CD (lbs)	ASTM D 751	29	38	80
Grab Tensile Elongation (%)	ASTM D 751	4	2	20
Trapezoidal Tear Strength MD (lbs)	ASTM D 4533	2.2	4	20
Trapezoidal Tear Strength CD (lbs)	ASTM D 4533	0.9	2	20
Burst strength (PSI)	ASTM D751	35	62	150
Hydrostatic Head (cm)	AATCC 127	/	/	>250
Water Vapor Transmission (US Perm)	ASTM E 96	>5	>5	<1
Thickness (MIL)	TAPPI 411	21	60	7
Weight Per Square		8.8 lbs	14.8 lbs	2.2 lbs
Roll Width		36"	36"	48"

The testing was conducted in accordance with ASTM Methods.

The physical properties shown above are average values tested on various randomly selected samples and are not intended for use as absolute specifications.

No representation, warranty, or guarantee is made as to the Technical Data Sheet's accuracy or completeness.
MaxFelt XT meets ASTM D226 & ASTM D4869 Equivalency.
When using staples, all MaxFelt XT must be covered immediately.
MaxFelt XT is a secondary weather resistive barrier. It is not intended or should not be used as a primary waterproofing membrane. It is recommended to cover all MaxFelt XT with the primary roof cladding within 30 days of installation.
MaxFelt XT has UV additive that protects the material itself for up to 90 days. It is not implied or intended that the MaxFelt XT or the roof assembly be left exposed to the sun and other weather elements for 90 days. It is always wise construction practice to cover up as soon as possible (AC 188 Acceptance Criteria for Roof Underlayments requires UV exposure testing for 210 hours or 10 hours per day for 21 days @ 135-140 degrees F to pass).
Follow all OSHA guidelines when installing MaxFelt XT.

MAXFELT

BY MAX ROOFING PRODUCTS

A SIMPLE UNDERSTANDING OF ASTM D226 & ASTM D4869

ASTM is the standard specification and provides certain test methods for Asphalt-Saturated Organic Felt Shingle Underlayment used in roofing and applies to material used as underlayment in steep-slope roof systems. The standard addresses material characteristics and physical property requirements.

CLASSIFICATIONS:

ASTM D226
Type I – Commonly called No. 15 Asphalt Felt
Type II – Commonly called No. 30 Asphalt Felt

CLASSIFICATIONS:

ASTM D4869
Type I I – #13 Underlayment (equivalent to ASTM D226 Type I)
Type IV – #26 Underlayment (equivalent to ASTM D226 Type II)
*Also includes two other types:
Type I – #8 Underlayment
Type III – #20 Underlayment

PHYSICAL PROPERTIES TESTED:

Tear Strength – test in both the machine (MD) and cross direction (CD)
Average Breaking Strength – test in both the machine (MD) and cross direction (CD)
Pliability (10 strips tested shall not crack when bent 90° at a uniform speed over a rounded corner of radius in table for each type)
Loss on Heating at 221° F for 5 hours maximum
Liquid Water Transmission Test
Dimensional Stability (MD and CD from Low Humidity to High Humidity)

REQUIREMENTS:

D226 Type I (No. 15)
Tear Strength lbf/in. (N) – Not
Breaking Strength lbf/in. – 30
Pliability (in.) – ½ in. radius
Loss on Heating % – 4%
Liquid Water Transmission – Not
Dimensional Stability % – Not Applicable
MD/15CD
Applicable
Applicable

D226 Type II (No. 30)
Tear Strength lbf/in. (N) – Not Applicable
Breaking Strength lbf/in. – 40 MD/20 CD
Pliability (in.) – ¾ in. radius
Loss on Heating % – 4%
Liquid Water Transmission – Not Applicable
Dimensional Stability % – Not Applicable

D4869 Type II (No. 15)
Tear Strength lbf/in. (N) – 0.45 (2.0)
Breaking Strength lbf/in. – 30 MD/15 CD
Pliability (in.) – ½ in. radius
Loss on Heating % – 6%
Liquid Water Transmission – Pass
Dimensional Stability % – 2%

D4869 Type IV (No. 30)
Tear Strength lbf/in. (N) – 0.90 (4.0)
Breaking Strength lbf/in. – 40 MD/20 CD
Pliability (in.) – ¾ in. radius
Loss on Heating % – 6%
Liquid Water Transmission – Pass
Dimensional Stability % – 2%

*MaxFelt XT meets ASTM D226 Type II & ASTM D4869 Type IV Equivalency
*When using staples, MaxFelt XT must be covered immediately

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MIAMI-DADE COUNTY APPROVED

NOA 19-0207.06

Intertek

REPORT# CCRR-1036

FBC # FL29705

TDI APPROVED

Features and Benefits

- Advanced, Anti-skid Backside Coating
- Lays Flat for Easy Application
- 5 and 10 square rolls Available
- Impervious to Mold Growth
- Enhanced Spunbond Non-woven Walking Surface
- Fasten with Plastic Cap Nails or Staples*
- Secondary Weather Protection Layer
- Meets or Exceeds Performance criteria for ASTM D226 Types I & II
- Meets or Exceeds Performance criteria for ASTM D4869 Types I, II, III & IV
- Developed by Roofers
- ASTM E108/UL 790 (Class A Fire Resistance)
- 100% Recyclable
- 90 Day UV Protection
- Limited **30** Year Warranty
- Price Competitive with Asphalt Saturated Organic Felt
- For Use Under Metal, Shingle and Shake Roofs

FORTIFIED ROOF
A PROGRAM OF IBHS

PRODUCT QUALIFIED FOR USE AS A COMPONENT OF **FORTIFIED ROOF™**. ADDITIONAL REQUIREMENTS, ELIGIBILITY CRITERIA AND RESTRICTIONS APPLY. FOR DETAILS, VISIT FORTIFIEDHOME.ORG

XT MAXFELT
MAXIMUM TRACTION PROVEN SATISFACTION



Get the MAX-imum Protection

maxfelt.com

Our underlayment maximizes efficiency by giving you traction you can rely on and quality you can have a peace of mind about.

MAXFELT XT vs. FELT:

- ***PROVIDES A COOLER WORKING SURFACE***
- ***VIRTUALLY ELIMINATES BLOWOFFS***
- ***ENSURES A SAFER WORKING ENVIRONMENT***
- ***CUSTOM LOGOS AVAILABLE***