



CONFORM PLAIN HPFR

Product Description:

CONFORM PLAIN HPFR is composed of a heavy fiberglass mat and high tensile fiberglass reinforcing scrim bonded together with resinous binders and completely filled and coated with SBS (Styrene-Butadiene-Styrene) modified bitumen.

Product Uses:

CONFORM PLAIN HPFR is used as a heavy duty, high performance base sheet and for base flashings. CONFORM PLAIN HPFR may be used for construction of hot or cold applied roof membrane systems. Typical uses include installation over industrial, manufacturing, office, and school buildings.

Product Compliances:

U.L. listed for use as a component in a Class "A" fire rated roof assembly. All rolls shall be labeled with the U.L. mark. Approved and listed for use in F.M. rated roof membrane assemblies. All rolls shall carry the F.M. approval marking. CONFORM PLAIN HPFR meets or exceeds all requirements of ASTM 6163

Product Features/Benefits:

- Low Temperature Flexibility - Ease of application at all temperatures normally recommended for roofing application. No need to unroll product and re-roll to ensure product is properly relaxed.
- 2 in 1 - CONFORM PLAIN HPFR may be applied two ways to accommodate job requirements...hot asphalt, or cold adhesive. The contractor only has one product to inventory.
- Fully modified with SBS for superior strength and flexibility
- Won't rot or deteriorate
- U.L., and FM Approvals

Packaging:

CONFORM PLAIN HPFR is available in 1.5 square (162 sq. ft.) rolls, 36" wide.

Product Application:

CONFORM PLAIN HPFR is an extremely versatile product to apply...it may be applied with hot asphalt or cold adhesive when applied as follows:

- Preparation: All surfaces to receive CONFORM PLAIN HPFR shall be smooth, clean, dry and uniform.
- Hot Asphalt: Embed the full width of each sheet in a uniform 25 lbs. per 100 sq. ft. mopping of asphalt (Type III or IV).
- Cold Adhesive: Embed the full width of each sheet in a uniform two (2) gallon per 100 sq. ft. application of Cold Adhesive.
- All application requirements from the Conglas "General Requirements" are considered part of these specifications.

Precautions/Limitations:

- Do not apply when ice, water (moisture) or snow is present.
- Do not apply if primer has not dried thoroughly.
- Do not apply until a minimum asphalt temperature of 425°F is achieved.

Physical Properties*—tested in compliance with ASTM D 5147

A. Membrane Thickness (mils).....	80
B. Approximate Weight/roll (lbs.)	100
C. Area / roll (sq.)	1.5
D. Reinforcement	Fiberglass scrim/mat bonded
E. Bitumen Type	SBS
F. Tensile Strength @ 73.4 deg. F.	MD- 440
.....	XMD- 423
G. Tensile Strength @ 0 deg. F.	MD- 585
.....	XMD- 459
H. Low-Temperature Flexibility (deg. F.)	MD- 45
.....	XMD- 15
I. Elongation @ 73.4 deg. F.(%)	MD- 51
.....	XMD- 51
J. Elongation @ 0 deg. F.(%)	MD- 31
.....	XMD- 21
K. Softening Point ASTM D-36	225 deg. F.
L. Dimensional Stability (%)	MD- 0
.....	XMD- 0
M. Compound Stability (deg. F.)	MD- 250
.....	XMD- 250

*CONFORM PLAIN HPFR meets these specifications as minimum requirements

