

CONFORM GRANULATED HPFR

Product Description:

CONFORM GRANULATED 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. Surfaced with inert, opaque ceramic granules on one side.

Product Uses:

CONFORM GRANULATED HPFR is used as a heavy duty, high performance surfacing sheet and for base flashings and wall coverings. CONFORM GRANULATED 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 GRANULATED 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 GRANULATED HPFR may be applied two ways to accommodate job requirements...hot asphalt, or cold adhesive. The contractor only has one product to inventory.
- CONFORM GRANULATED HPFR offers a surface finish to accommodate a variety of specifications and project requirements.
- Fully modified with SBS for superior strength and flexibility
- Won't rot or deteriorate
- U.L., and FM Approvals

Packaging:

CONFORM GRANULATED HPFR is available in 1 square (108 sq. ft.) rolls, 36" wide with a 2" lap stripe on one side.

Product Application:

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

- A. Preparation: All surfaces to receive CONFORM GRANULATED HPFR shall be smooth, clean, dry and uniform.
- B. 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). Side laps shall be 2" and end laps 6".
- C. Cold Adhesive: Embed the full width of each sheet in a uniform two (2) gallon per 100 sq. ft. application of Roofing Cement (for base flashings) or Cold Adhesive (when used as a field surfacing sheet). Side laps shall be 2" and end laps 6".
- D. All application requirements from the Conglas "General Requirements" are considered part of these specifications.

Precautions/Limitations:

- A. Do not apply when ice, water (moisture) or snow is present.
- B. Do not apply if primer has not dried thoroughly.
- C. 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)	130
B.	Approximate Weight/roll (lbs.)	100
C.	Area / roll (sq.)	1
D.	Reinforcement	Fiberglass scrim/mat bonded
E.	Bitumen Type	SBS
F.	Tensile Strength @ 73.4 deg. F.	MD- 458
	.....	XMD- 443
G.	Tensile Strength @ 0 deg. F.	MD- 620
	.....	XMD- 510
H.	Low-Temperature Flexibility (deg. F.)	MD- 55
	.....	XMD- 15
I.	Elongation @ 73.4 deg. F.(%)	MD- 18
	.....	XMD- 54
J.	Elongation @ 0 deg. F.(%)	MD- 6
	.....	XMD- 11.6
K.	Softening Point ASTM D-36	225 deg. F.
L.	Dimensional Stability (%)	MD- 0
	.....	XMD- 0
M.	Compound Stability (deg. F.)	MD- 216
	.....	XMD- 216

*CONFORM GRANULATED HPFR meets these specifications as minimum requirements