



WHITE PLATINUM™

Product Description:

WHITE PLATINUM is a Fire Retardant white surfacing sheet manufactured from a heavy fiber glass mat bonded with a resinous binder and coated with bitumen with a brilliant white acrylic smooth surface finish. The reinforcing glass mat consist of glass fibers that are uniformly distributed and aligned to impart strength in all directions while displaying excellent dimensional stability throughout.

Product Uses:

May be used as a sufacing sheet over any built-up or modified bitumen roof where energy savings is desired.

Product Compliances:

California Title 24 Compliant, CRRC approved, 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. All rolls shall also carry the approved CRRC markings along with all required content. WHITE PLATINUM is tested in accordance with ASTM D-156.

Product Features/Benefits:

- Extreme High Solar Reflectance.
- Fire Rated
- Extends Roof Life.
- Reduces Energy Loads.
- Light weight
- Extremely Durable.
- Ease of Application. Roll out application no flopping required. More coverage per roll vs. granulated cap sheets. Saves time and money, less labor intensive.



Solar Reflectance 0.83
 Thermal Emittance 0.83

Rated Product ID Number 0976-0001

Packaging:

WHITE PLATINUM weighs 55 lbs. per roll. One roll covers two roofing squares (216 sq. ft.). Each roll shall have factory applied 2" lap stripes. All rolls to be labeled with U.L., F.M., CRRC and other markings as appropriate.

Physical Properties

A.	Breaking Strength, min, lbf/in. (kN/m):	
	Longitudinal	62
	Transverse	55
B.	Pliability, 1/2-in. (13mm) radius bend	
	Maximum failures, 10 specimens	no failures
C.	Net dry mass-coated sheet minimum lb/100 ft ² felt (g/m ²)	
	Average of all rolls	15.5 (756)
	Individual rolls	14.5 (708)
D.	Moisture at point of manufacture, %, max	1.0
E.	Mass of desaturated glass mat, min, lb/100 ft ² (g/m ²)	1.7 (83)
F.	Surfacing and Stabilizer, max. %	65
G.	Asphalt, minimum, lb./100 ft ² (g/m ²)	7.0 (342)
H.	Ash, %	70 to 88
I.	Elongation @ 73.6°F, (%)	MD - 3.4
	CMD - 5.4

Specifications:

- Extensive testing and positive test results have confirmed the qualities of durability and reflectivity, and reduce heat build-up in roofs, thus reducing cooling costs and increasing the membrane's longevity.
- TEST REPORTS AVAILABLE. Independent testing of complete product has been performed. Data collected during this testing is available on reflectance, accelerated weathering, bitumen chemistry and aging reflectance.

Product Application:

- Apply with 2" side laps and 6" on ends.
- Sheets shall extend to the top of cant and shall be solid mopped to underlying plies.
- Asphalt is applied at a nominal rate of 25 lbs. per 100 square feet.
- All application requirements from the Conglas "General Requirements" are considered part of these specifications.

Precautions/Limitations:

- Do not apply when moisture is present.
- Cold weather applications may require some material relaxation prior to final application.
- Can be rolled out into hot asphalt or cut into 12-18 foot lengths and 'flopped' into place.

