

# CONBASE MB25

## Product Description:

CONBASE MB25 is a heavyweight fibrous glass mat bound together with a resinous binder and completely coated with a weathering grade asphalt modified with SBS (Styrene Butadiene Styrene). 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. The product is non-porous. CONBASE MB25 is designed to minimize the amount of cold weather buckling common to conventional base sheets.

## Product Uses:

CONBASE MB25 is designed for use as a standard weight base sheet and may be used as a base sheet in lieu of W-1 IV in built up roof specifications. CONBASE MB25 may be used as a "dry" sheet when combined with a solid mopping of asphalt. Typical uses include installation over industrial, manufacturing, office and school buildings. It may also be used as a ply sheet in conjunction with cold applied built-up roofs.

## Product Compliances:

U.L. listed for use as a component in a Class "A" fire rated roof assembly. All rolls shall be labeled U.L. G-2.  
 Approved and listed for use in F.M. rated roof membrane assemblies. All rolls shall carry the F.M. approval marking.  
 CONBASE MB25 meets or exceeds all requirements of ASTM D 4601, Type II

## Product Features/Benefits:

- Modified bitumen - lays flat, won't buckle.
- Glass based - totally inorganic.
- Non porous.
- Won't rot or deteriorate.
- Hot or cold application.

## Packaging:

CONBASE MB25 weighs 75 lbs. per roll. One roll covers three roofing squares (324 sq. ft.). All rolls to be labeled with U.L., F.M., ASTM and other markings as appropriate.

### Physical Properties\*—tested in compliance with ASTM D 4601 Type II

A.	Breaking Strength, min, lbf/in. (kN/m):	
	Longitudinal .....	44 (7.7)
	Transverse .....	44 (7.7)
B.	Pliability, 1/2-in. (13mm) radius bend	
	Maximum failures, 10 specimens .....	no failures
C.	Net dry mass-coated sheet minimum lb/100 ft <sup>2</sup> felt (g/m <sup>2</sup> )	
	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 <sup>2</sup> (g/m <sup>2</sup> ) .....	1.7 (83)
F.	Surfacing and Stabilizer, max. % .....	65
G.	Asphalt, minimum, lb/100 ft <sup>2</sup> (g/m <sup>2</sup> ) .....	7.0 (342)
H.	Ash, % .....	70 to 88
I.	Elongation @ 73.6°F, (%) .....	MD - 1.95%
	.....	CMD - 1.85%

\*CONBASE MB25 meets these specifications as minimum requirements

## Product Application:

- A. CONBASE MB25 is recommended for use over nailable, non nailable and insulated decks. Apply CONBASE MB25 with 2" side laps and 6" end laps. Turn 2" above cant at all walls and vertical surfaces.
- B. Over nailable decks mechanically attach CONBASE MB25 9" o.c. at side laps and stagger two (2) rows 18" o.c. 12" distant from each edge.  
 Alternate: Mechanically fasten with approved tape/staple method. Rows of tape shall be 12" o.c. Staple spacing shall comply with manufacturer's requirements.
- C. Over non nailable decks CONBASE MB25 should be either spot mopped or solidly mopped to a primed surface. Primer should be applied at the rate of one (1) gallon per 100 sq. ft.
- D. Over perlite or fiberboard insulation, CONBASE MB25 should be set into a solid mopping of asphalt applied at the rate of 25 lbs. per 100 sq. ft.
- E. All application requirements from the Conglas "General Requirements" are considered part of these specifications.

## Precautions/Limitations:

- A. Do not apply when moisture is present
- B. Cold weather applications may require some material relaxation prior to mechanical attachment.
- C. Protect from moisture and from excessive heat and sunlight prior to application.