

# CONBASE MB40

## Product Description:

CONBASE MB40 is a heavyweight fibrous glass mat bound together with a resinous binder and 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 MB40 is designed to minimize the amount of cold weather buckling common to conventional base sheets.

## Product Uses:

CONBASE MB40 is designed for use as a heavier base sheet. CONBASE MB40 may be used as base sheet in lieu of W-1 IV or MB25 in built up roof specifications. CONBASE MB40 may be used as a "dry" sheet when combined with a solid mopping of asphalt. CONBASE MB40 may be used as a ply sheet in cold applied membrane specifications. 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 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 MB40 meets or exceeds all requirements of ASTM D 4601, Type II

## Product Features/Benefits:

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

## Packaging:

CONBASE MB40 weighs 80 lbs. per roll. One roll covers two roofing squares (216 sq. ft.). All rolls to be labeled with U.L., F.M., ASTM and other markings as appropriate.

## Product Application:

- CONBASE MB40 is recommended for use over nailable, non nailable and insulated decks where a heavier base ply is desired. Apply CONBASE MB40 with 2" side laps and 6" end laps. Turn 2" above cant at all walls and vertical surfaces.
- Over nailable decks mechanically attach CONBASE MB40 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.
- Over non nailable decks CONBASE MB40 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.
- Over perlite or fiberboard insulation, CONBASE MB40 should be laid in solid mopping of asphalt applied at the rate of 30 lbs. per 100 sq. ft.
- 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 mechanical attachment.

### Physical Properties\* in compliance with ASTM D 5147

|    |                            |                                       |
|----|----------------------------|---------------------------------------|
| A. | Approx. weight/roll: ..... | 80 lbs. (40 lbs./100 sq. ft. nominal) |
| B. | Area/roll: .....           | 200 sq. ft. (2 sq./roll)              |
| C. | Seam width: .....          | 2"                                    |
| D. | Modifier: .....            | SBS                                   |
| E. | Reinforcement: .....       | fiber glass mat                       |
| F. | Thickness: .....           | 60 mil.                               |
| G. | Tensile Strength:          |                                       |
|    | Longitudinal: .....        | 80 lb/in.                             |
|    | Transverse: .....          | 70 lb/in.                             |
| H. | Compound Stability: .....  | 250 °F(°C)                            |

\*Congbase MB40 meets these specifications as minimum requirements