

**PRODUCT DESCRIPTION**

Conbase MB40 Underlayment is a heavyweight fibrous glass mat, bound together with a resinous binder and coated with weathering grade asphalt modified with SBS (Styrene Butadiene Styrene). The reinforcing glass mat consists 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 allowing for complete water protection. Conbase MB40 is designed to minimize and resist the amount of cold weather buckling and curling common to conventional organic roof underlayments. The superior properties of SBS modified asphalt combined with the advantages of a fiberglass reinforcement work together to provide an easily manageable product and faster installation process. The superior properties of Conbase MB40 allow it to outperform traditional organic underlayments in all important measurements including tensile strength, cold temperature flexibility, grab breaking strength, penetration, and tear resistance.

**CHARACTERISTICS**

- U.L. G-2 listed for use as a component in a Class "A" fire rated roof assembly.
- Meets or exceeds all requirements of ASTM D 4601, Type II.
- Approved and listed for use in F.M. rated roof membrane assemblies.
- Modified bitumen-lays flat, won't buckle.
- Excellent low temperature flexibility.
- Glass based and non-porous – totally inorganic
- Will not rot or deteriorate
- Hot or cold applications

**CAUTIONS & LIMITATIONS**

- Do not apply in damp weather or when rain is expected within 24 hours.

**COLOR**

Black

**PACKAGING**

3' x 72' 216 ft<sup>2</sup> (20.1 m<sup>2</sup>) Rolls

**APPLICATION**

1. Install Conbase MB40 to the entire flat deck area maintaining a 2 inch (51mm) distance from all vertical surfaces, parapets, drain openings, etc.
2. Overlap slip sheet edges a minimum of 2 inches, staggering or offset end of roll terminations.
3. Bond the slip sheet to flashings and all overlaps using the applicable adhesive for the assembly being used.
4. The slip sheet must be bonded to the deck perimeter using the seam adhesive material and at intermediate locations to limit the unbonded area to a maximum of 4,000 ft<sup>2</sup> (372 m<sup>2</sup>).
5. Allow adhesive to dry for a minimum of 1 hour prior to flood testing. Allow to dry 24 hours at 70°F (21°C) 50% RH, prior to commencing with installation.

**TECHNICAL DATA**

**(Complies with ASTM D 5147)**

**Approx. Weight/Roll** ..... 70 lbs (34 kg) (216 ft<sup>2</sup> (20.1 m<sup>2</sup> nominal)  
**Area/Roll** ..... 200 ft<sup>2</sup> (18.6 m<sup>2</sup>)  
**Seam Width**..... 2"  
**Modifier** .....SBS (Styrene Butadiene Styrene)  
**Reinforcement** .....Fiber Glass Mat  
**Thickness** ..... 60 mil

**TENSILE STRENGTH**

**Longitudinal** .....80 lb/in  
**Transverse**..... 70 lb/in  
**Compound Stability**..... 250°F (121°C)

**FIRST AID**

**EYE CONTACT**

Flush eye with water for at least 15 minutes. Get medical attention promptly.

**INHALATION**

Remove to fresh air.

**SKIN CONTACT**

Wash affected area thoroughly with soap and water.

**INGESTION**

Get medical attention immediately.

**FIRE**

Wear self-contained breathing apparatus with full face piece and protective clothing. Use foam, carbon dioxide, dry chemical, and/or halogenated agents.

**STORAGE & HANDLING**

Store Conbase MB40 at temperatures between 40°F and 100°F (4°C and 38°C). Keep dry and store on ends. Do not store at high temperatures or in direct sunlight.

**SHELF LIFE**

Conbase MB40 can be stored indefinitely, when properly stored.

**WARRANTY**

Limited manufacturer's defect warranty. Contact Mer-Ko Technical Service Department for specific warranty information or [www.parexmer-ko.com](http://www.parexmer-ko.com)

**WARNING:**

- Read complete Warning information printed on product container prior to use. For medical emergency information, call 1-800-424-9300.
- For more information on handling this product refer to its Material Safety Data Sheet (MSDS). The most current MSDS and Product Data Sheet (PDS) can be found on our website.
- This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about the guidelines for the proper use and application of the covered product(s) under normal environmental and working conditions. Because each project is different, Parex USA, Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

# Product Data Sheet

## Conbase MB40

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