



# Technical Data Sheet

## RepairBoss MBCP 24403-VKG

### PRODUCT DESCRIPTION

RepairBoss MBCP is prepared using an exceptional blend of refined asphalts, solvents, tackifying resins and SBS polymers, replicating the characteristics of modified bitumen membranes. It is an SBS modified, medium-bodied asphalt adhesive formulated specifically for cold applied, BUR systems and attaching SBS modified bitumen roofing membranes. RepairBoss MBCP resists bond failures related to thermal cycling and movement and can be applied by brush, squeegee or airless spray equipment. This non-asbestos adhesive will not run or sag at elevated roof top temperatures once cured.

### USES

- Interply adhesive for cold-applied BUR Systems.
- Adhesive for modified bitumen membranes & base sheets.
- As a flood coat for receiving aggregate.

### SURFACE PREPARATION

All work surfaces must be clean, dry, free of dirt, dust, debris, oils, loose and/or embedded gravel, un-adhered coatings, deteriorated membranes, and other contaminants that may result in a surface that is not sound. All necessary repairs must be completed before application to ensure the optimum performance of RepairBoss MBCP 24403-VKG. Extremely dusty or dry surfaces should be primed with RepairBoss Asphalt Primer 24405-VKG.

### PRECAUTIONS

- DO NOT use with/on 100% rubber or plastic substrates.
- DO NOT use on or with products containing coal tar.
- DO NOT use on torch applied APP membranes with the “burn away” plastic release films.
- DO NOT apply to damp or wet surfaces.
- DO NOT use where this product may come in contact with potable water.
- DO NOT THIN.
- EXTERIOR USE ONLY.

### APPLICATION

Ready to apply. BUR:

- Apply RepairBoss MBCP at a rate of 1.5-2.5 gallons (5.7- 7.6 liters) per square. Embed the first ply of reinforcement (starter course), brushing the reinforcement into the adhesive. Be sure reinforcement conforms to the surface and no bridging or fish mouthing occurs.
- Apply additional coat of adhesive and embed the second course of reinforcement, overlapping them with the proper spacing for the desired number of plies.
- Before surfacing with aggregate, apply the adhesive at a

rate of 3-4 gallons (11.4-15.1 liters) per square after the final ply.

SBS Membranes:

- After preparing surface, apply RepairBoss MBCP at a rate of 3/4 to 1 1/4 gallon (2.8-4.5 liters) per square.
- Roll the membrane into the adhesive and thoroughly broom it into place.
- Be sure that the membrane conforms to the surface and that no bridging or fish mouths are present.
- After firmly setting the membrane, ensure that a 1/8”-1/4” bead of adhesive is present along the lap when lapping the membranes.
- Curing is approximately 30-45 minutes.

*Note: Consult membrane manufacturer for additional application rates and guidelines.*

### PACKAGING

5-gallon pails (44 lbs.) and 55-gallon drums (484 lbs.)

### SPECIFICATION COMPLIANCES

ASTM D3019, Type III, UL Classified

Technical Data	RepairBoss MBCP
<b>Weight (lbs./gal.)</b> D6511	7.4-7.6
<b>Total Solids % by wt.</b> D6511	70-72
<b>% by vol.</b>	65-68
<b>Viscosity, grams</b> Stormer @ 200 rpm	120-150
<b>pH</b>	N/A
<b>Flash Point</b> PMCC	105°F (40.6°C)
<b>Color, Cured</b> Visual	Black
<b>Drying Time, Touch</b> 70°F (21.1°C)/50% R.H.	1 hour
<b>Shelf Life</b> 70°F (21.1°C)/50% R.H.	1 year
<b>VOC EPA Method 24A</b>	<300 g/L

