

# SECUREGRIP™ PS MAX SA BASE SHEET

## HIGH PERFORMANCE P&S BASE LAYER

## STORAGE & INSTALLATION INSTRUCTIONS

**Securegrip PS/MAX SA BASE SHEET** is a self adhering SBS modified bitumen sheet reinforced with high performance, linear stabilized, glass fiber mat. Top surface of PS/MAX Base Sheet is finished with a smooth flexible polypropylene torchable film with split release liner films bottom surface. The split release film helps in easier handling of the highly tacky adhesive surface.

### STORAGE:

**Securegrip PS/MAX SA BASE SHEET** should be stored at room temperature. Upright in the original cardboard package in a dry and properly ventilated area. Keep away from open flames, sparks and harmful substances, and store away from the elements. Only rolls intended for the same-day installation should be removed from the storage area. For best results store in temperatures between 40°F (4.4°C) and 90°F (32°C) if room temperature storage is not available. It is recommended to warm material to a minimum temperature of 40° F (4.4°C) prior to application.

### USE:

**Securegrip PS/MAX SA BASE SHEET** must be covered by primary roofing materials with 60 days of application. **Securegrip PS/MAX SA BASE SHEET** is designed as a base sheet in multi-ply S/A systems used in conjunction with additional PS/MAX BASE SHEET layers and/or a SecureGrip PS/MAX S/A Cap Sheet and also may be used under asphalt or synthetic shingles, metal roofing, tile, slate, or cedar shingles as a base sheet.

### ROOF DECK PREPARATION:

• Protrusions from the deck area must be removed and roof decks shall have no voids, damaged or unsupported areas. Deck surfaces shall be free of debris, be dry and moisture free.

• **Securegrip PS/MAX SA BASE SHEET** may be applied directly to a plywood, OSB, or concrete roof surface and should be fully covered as soon as possible or within 90 days of installation. Priming of the deck is not required for attaching to wood surfaces when the temperature is above 40°F. Concrete or masonry decks should be primed with a solvent or water based primer that meets the requirements of ASTM D41 for

asphalt based self-adhered membranes.

• For re-roofing projects any water damaged sheathing must be replaced, roof deck swept to remove dust dirt and other loose materials including nails. Do not install over old roof covering materials.

• Use of calcium products or salt for ice and snow removal is not recommended.

### APPLICATION:

• For the best results **Securegrip PS/MAX SA BASE SHEET** is applied in dry weather and when air and surface temperatures are 40°F (4.4°C) and rising.

• Apply over clean, dry, dust and debris-free substrates.

• Prime required substrates prior to application with a Fast-Drying Asphalt Primer which meets the requirements of ASTM D41 for asphalt based self-adhered membranes.

• The primer can be brush or roller applied to the surface. Commence further activities only after the primed surface becomes dry to the touch. If the primer area has been left open for longer than 24 hrs, re-priming might be required depending on the dust accumulation on the surface.

• When placing the **Securegrip PS/MAX SA BASE SHEET** membrane always start at the low point of the roof. Unroll the material and allow to relax. Start by removing the first 18-24" of release film and then press the membrane in to place with the help of a firm and even pressure. Roll the edges with a silicone hand roller to ensure complete adhesion and gradually remove the remaining release film from center to sides and edges.

• Position successive rolls providing a minimum 6" end lap and 3" top lap. Laps can be sealed for additional water tightness with a hot air welder. Roll with a 60# weighted roller to ensure water tightness. Take care on sloped roofs by securing the roller and applicator with the appropriate safety equipment. Intermittent rolling is recommended to ensure complete contact to underlying surface. While addressing the field details of the seaming intersection treatment (cutting 45 degree at T-Joints), additional care must be taken to ensure the required detail is performed. Flashing shall be installed as per the

standard details. The overlaps should be pressed firmly with a roller for proper sealing. For double layer application, the membranes shall be laid with staggered overlaps to ensure the best waterproofing.

• The bitumen compound of the membrane tends to become tacky at high temperatures, which makes the application difficult. Membrane application in hot climatic regions during the summer months shall be done during the early morning or late evening.

• Minor wrinkles on the surface of the membrane does not affect the integrity of the waterproofing.

### PRECAUTIONS:

**Securegrip PS/MAX SA BASE SHEET** is not designed or intended for indefinite outdoor exposure. Final roof should be installed within 60 days of membrane installation.

Depending on roof pitch and surface conditions, "blocking" may be required to support roofing materials placed on the roof. Remember to seal the fastener holes that secured that blocking after they have been removed. Protect any completed roof areas to avoid damage during roof installation and material transportation by installing protective boardwalks to enable passage of people, equipment and products across the area.

Be careful not to load excess material on the roof deck in one area. Disburse the weight of material over structural supports where possible to prevent collapse of roof.

### CAUTION - READ GOOD SAFETY PRACTICES BELOW

As with any roofing product, always follow safe roofing practices and codes (OSHA) and always use and wear proper fall protection equipment when working on roofs. Release liners are slippery and surface film may be slippery when wet. Release liners should be removed from the work area immediately after removal after application. Use caution when walking or standing on **Securegrip PS/MAX SA BASE SHEET** as slip resistance may vary with surface conditions, weather, footwear and roof slope. Failure to use proper safety equipment and footwear can result in serious injury. Film surface may be slippery when wet.