

**FOR USE UNDER COPPER, ZINC, METAL, TILE,  
SLATE, WOOD SHAKE, COMPOSITION SHINGLES**

**PALISADE™ BUTYL-HT PLUS** self-adhering membrane is bonded to a properly prepared, dry (not damp), and clean substrate which is defined as, but is not limited to: free of dirt; dust; debris; oils; un-adhered coatings; protrusions; voids; any other contaminants that may result in a surface that is not sound or is uneven and affects the adhesion of the membrane to the substrate.

Acceptable substrates for **PALISADE™ BUTYL-HT PLUS** are plywood, OSB, wood plank or composition, concrete, masonry, faced gypsum and approved insulation. Other surfaces may be acceptable, but the installer is responsible to determine acceptable substrate surface and whether priming is required so that **PALISADE™ BUTYL-HT PLUS** will stay adhered to that substrate.

**PALISADE™ BUTYL-HT PLUS** must be installed above properly ventilated space (follow all building codes applicable to your region and structure type) as it is considered a vapor barrier (<1 perms). Installation of **PALISADE™ BUTYL-HT PLUS** membrane occurs when the release film is removed and the self-adhesive underside is matted onto the approved substrate using applied pressure. **PALISADE™ BUTYL-HT PLUS** is manufactured with a 3 inch selvage edge on one side and only this side will be used on a lengthwise overlap when being installed. For vertical laps, use a 6 inch (152mm) overlap, except in ice damming applications, use a 12 in (305mm) overlap. Starting at the low point, and with selvage edge at the high point, position horizontally a full roll or cut the membrane into 10-15 ft. (3-5m) lengths and re-roll loosely. Peel back 1-2 ft. (300-600mm) of release film, align the membrane, and continue to peel the release film from the membrane. Press the membrane in place with heavy hand pressure. Apply uniform pressure to the membrane roll side and end laps to insure water tightness and bonding to the substrate.

Always work from the low to the high point of the roof. Follow good roofing practice by orientating **PALISADE™ BUTYL-HT PLUS** so side laps shed water. Apply the membrane in valleys before the membrane is applied to the eaves. For valley and ridge application, peel the release film; center the sheet over the valley or ridge, drape, and press into in place. Work the center of the valley or ridge outward in each direction. Following placement along the eaves, continue application of the membrane up slope. If nailing of the membrane is necessary on steep slopes, especially during hot or cold weather, back nail and cover the nails by overlapping with the next sheet.

Winter climates can produce ice dams and snow loads against exterior siding while wind driven rains can create headwater heights that challenge the water tightness of exhaust vents, skylights and exterior wall siding. Extend **PALISADE™ BUTYL-**

**HT PLUS** to the height as recommended by the local building code or to the highest locally expected level in order to maintain water tightness from wind driven rain, headwater back-up, ice dams and snow load.

Release liners are slippery. Remove from work area immediately after membrane application. Do not fold over the roof edge unless the edge is protected by a drip edge, gutter, or other flashing material. Do not install on the chamfered edges of wood plank. Do not install directly on old roof coverings. Do not install directly under roof coverings especially sensitive to corrosion, such as zinc, without providing proper ventilation.

Repair holes, fish mouths, tears, and damage with a round patch of membrane extending past the damaged area 6 inches (150 mm) in all directions. If fasteners are removed leaving holes in the membrane, they must be patched. The membrane may not self-seal open fastener penetrations. Do not install fasteners through the membrane over unsupported membrane areas of the structural deck, such as over the joints between adjacent structural panels. **PALISADE™ BUTYL-HT PLUS** has a minimal application temperature of 10°F (-12°C). The membrane, deck surface, and the air shall be at a temperature of 10°F (-12°C) or greater during installation.

**PALISADE™ BUTYL-HT PLUS** is not designed to replace the primary roof covering material, or for indefinite outdoor exposure. The finished roof must completely cover the membrane. Final roofing must be installed within 6 months.

**AS WITH ANY ROOFING PRODUCT, OBSERVE ALL SAFE ROOFING CODES & PRACTICES (OSHA Regulations, Fall Protection Systems Criteria and Practices - 1926.502). USE CAUTION WHEN WALKING OR STANDING ON PALISADE™ BUTYL-HT PLUS, AS SKID RESISTANCE MAY CHANGE WITH WET, DUST OR FROST CONDITIONS, AND ROOF PITCH. FAILURE TO USE PROPER SAFETY GEAR AND FOOTWEAR CAN RESULT IN SERIOUS INJURY.**