

## WeatherSeal BG

### Below Grade Waterproofing Membrane

(Formerly Hydro-Guard BG)

|   |                                   |
|---|-----------------------------------|
| Adhesion..... (90 Peel)   | 10 lbs/lineal inch of width       |
| Drying Time.....  | 24 hours<br>at 70°F (21°C) 50% RH |
| Elongation ..... (ASTM D638)  | > 500%                            |
| Moisture Vapor Transmission.....  | 0.02 grams/hr/ft <sup>2</sup>     |
| Temperature Sensitivity .... (At Installation) 40°F to 100°F (4.4°C to 37.8°C)<br>(After Installation) -20°F to 200°F (-28.9°C to 93.3°C) |                                   |
| Tensile Strength ..... (ASTM D638)  | > 240 psi                         |
| Density .....   | 8.5 lbs/gallon                    |
| Solids by Volume .....  | 54.2%                             |
| Solids by Weight.....   | 55.0%                             |
| VOC ..... (ASTM D3960)  | 73.5 g/L                          |
| Viscosity at 77°F..... (ASTM D562)  | 65-75 KU                          |

#### DESCRIPTION:

- Single-component, non-fibrated, asphalt modified, neoprene waterproofing membrane which can be either troweled, rolled, brushed, or spray applied
- Designed to provide high-performance below grade protection from positive side water pressure.
- Allows low levels of moisture vapor to escape to prevent blistering and delamination of the applied membrane while prohibiting infiltration of moisture through foundation walls, footings, retaining walls, planter boxes and between slab.
- Solvent free formulation incorporate anti-microbial additive to prevent mold and mildew growth

#### ADVANTAGES

- Seamless, monolithic waterproofing membrane system
- Rapid installation and excellent adhesion
- Ready for installation without heating or thinning
- Does not become brittle with age
- Can be installed over new and existing surfaces
- Maintains elastomeric properties at low temperatures
- Outstanding long-term durability and performance
- Exhibits excellent adhesion to damp surfaces

#### USES:

- Waterproof coating for application to Concrete and Masonry surfaces.
- Below Grade Exterior Vertical & Horizontal Applications
- Planter Boxes
- Fountains & Reflection Pools/Ponds
- Decorative Water Shapes & Waterscapes
- Foundation & Retaining Walls
- Between slab waterproofing membrane (e.g., plaza decks, roof terraces, podiums)

#### COMPOSITION:

- Binder base: Elastomeric polymer with asphalt modification
- Water based VOC compliant
- Appearance: Flat non-gloss smooth finish



# WEATHER TECH WRBs

## COVERAGE:

Depending on the condition of the substrate and method of application, approximate coverage is:

WeatherSeal BG

Waterproofing Membrane ..... 145 sq. ft.

Yield: 30 mil (0.76mm) DFT (13.5 sq. m.)/ pail

## CONTAINER:

WeatherSeal BG

Waterproofing Membrane ..... 5 gallon pail  
(18.9 liter pail)

- Storage: Protect from sun and freezing at all times
- Do not stack pails more than 3 pails high
- Shelf Life: 6 Months if properly stored in original unopened container.

## FABRICS:

- Parex USA 396 Sheathing Joint Tape
- Parex USA 355 Standard Mesh 4.5 oz/yd<sup>2</sup>

## SURFACE PREPARATION:

- The substrate surface must be, unpainted, clean and free of dust and any other contaminants including form-release agents or bond breakers at the time of material application.
- Concrete and masonry surfaces must be unpainted, clean, sound and provide a uniform surface free of depressions and ridges. Prepare concrete surfaces as necessary using a power sprayer, grinder or shot blast as required to produce a clean, sound substrate. All holes must be cleaned and filled with an appropriate underlayment. All high spots must be removed by chipping or grinding. Concrete control joints should coincide with stress relief concentration points, with a maximum spacing of 20 feet (6.1 m).
- For additional options for surface preparation, contact Parex USA Technical Support.

## MIXING:

- Use clean equipment for mixing and preparation.
- Stir the WeatherSeal BG Waterproofing Membrane prior to use.

## APPLICATION:

- Non fabric reinforced waterproofing membrane applications may use:

### Crack & Joint Treatment:

Treat substrate cracks, joints and flashing to substrate transitions by applying a thick coat of WeatherSeal BG Waterproofing Membrane at a minimum 15 mil (0.38mm) DFT (25-30 mil wet), over the immediate surface crack or joint using a trowel, brush or roller, ensuring complete coverage. Immediately after the Waterproofing Membrane has been applied and

while the material is still wet, embed Parex USA 396 Sheathing Joint Tape in the wet Waterproofing Membrane centered over the cracks, joints and flashing to substrate transitions. Run a trowel, roller or taping knife over the sheathing joint tape to embed it and into the wet Waterproofing Membrane, saturating it completely. Overlap joining runs of fabric edges a minimum of 2 1/2 inches (63.5 mm). No dry or fabric material spots should be visible and the Sheathing Joint Tape should lay completely flat and without wrinkles. Apply additional Waterproofing Membrane as necessary over areas to ensure embedment.

### Full Field:

Apply 1 thick coat of WeatherSeal BG Waterproofing Membrane at a minimum 15 mil (0.38 mm) DFT (25-30 mil wet), over the properly prepared surface, using a trowel, roller or suitable spray equipment, ensuring complete coverage.

Optional: Immediately and while the material is still wet, embed Parex USA 355 Standard Mesh 4.5 oz/yd<sup>2</sup> in the wet Waterproofing Membrane.

Run a trowel or roller over the mesh to embed it and into the wet Waterproofing Membrane, saturating it completely. No dry or mesh material spots should be visible and the mesh should lay completely flat and without wrinkles. Overlap successive runs of mesh edges a minimum of 2.5 inches (63.5 mm). Apply additional Waterproofing Membrane as necessary over areas to ensure positive waterproofing (no pinholes). Apply the membrane/fabric/membrane layers in sections.

- Apply a second coat of WeatherSeal BG using the same methods at a minimum 15 mil (0.38 mm) DFT (25-30 mil wet). Waterproofing Membrane should be applied at an over all minimum 30 mils (0.76mm) DFT. Allow the entire area to dry a minimum of 24 hours at 70°F (21°C) 50% RH. Applications in elevated humidity conditions will require additional dry time.
- The material must be completely dry before proceeding. Provide supplemental heat, protection from precipitation, and other protection from the elements, as needed.

### Substrate Protection:

The WeatherSeal BG Waterproofing Membrane must be adequately protected after application, while curing and for the duration of the project and until finishing materials are applied. Install adequate protection before putting the area into service or backfilling. Protect the cured membrane using standard protection board or other building material as necessary.

## LIMITATIONS:

- The substrate surface must be structurally sound, clean and free of dirt, dust, oil, grease, paint or other contaminants at the time of material application.
- Not suitable as a finished surface, the WeatherSeal BG Waterproofing Membrane can not withstand direct wear and abrasion.
- Not UV stable.
- Do not install in damp weather or when rain is expected within 24 hours.
- Parex USA waterproofing systems are designed for professional installation.
- System warranties require installation by currently listed applicators.
- When installing over an unheated enclosed space provision must be made to vent the area.
- Drains must be of a design suitable to receive WeatherSeal BG.
- Protect all finished surfaces that are not intended to receive the coating system materials.
- Use extra caution in protecting surfaces not to be coated when using spray application methods. Windy conditions or over spray can damage surrounding surfaces.

## 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.

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