Aquasol WaterMaster is an adhesively attached drainage CI system that offers energy efficiency; light weight, versatile design; and economical installation. This system incorporates an air & water-resistive barrier and a means of drainage achieved through vertical ribbons of adhesive applied to the back of the insulation boards, providing a large drainage plane for incidental moisture. The air & water-resistive barrier is a liquid-applied membrane, used for both joint treatment and field surface area application, that significantly reduces air leakage, maximizes energy efficiency and eliminates the potential of rips and tears while exposed to the elements during construction. This liquid applied barrier, when functioning as an air barrier, allows climate control systems to operate more efficiently by preventing transmission of conditioned air out & outside air in. The system is finished in Parex's Aquasol™ Finish.

### Suitable Types of Construction

<table>
<thead>
<tr>
<th>Suitable Types of Construction</th>
<th>Residential</th>
<th>Commercial</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-combustible</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Combustible</td>
<td>☑ Residential</td>
<td>☑ Commercial</td>
</tr>
<tr>
<td>Fire-Resistance Rated Walls</td>
<td>☑ Residential</td>
<td>☑ Commercial</td>
</tr>
<tr>
<td>Application Type</td>
<td>☑ Residential</td>
<td>☑ Commercial</td>
</tr>
<tr>
<td>Application Orientation</td>
<td>☑ New</td>
<td>☑ Commercial</td>
</tr>
<tr>
<td>NFP 285 Compliant</td>
<td>☑ Exterior Only</td>
<td>☑ Renovation</td>
</tr>
<tr>
<td>Compliant</td>
<td>☑</td>
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</tr>
</tbody>
</table>

### Substrates

- Glassmat Gypsum Sheathing
- Gypsum Sheathing
- Exposure 1 OSB
- Cement Fiber Sheathing
- Concrete & CMU
- CDX Plywood

1 Regional restrictions apply. For OSB applications outside of approved regions, use Parex Standard WaterMaster LCR.

### Code Approvals

<table>
<thead>
<tr>
<th>Code Approvals</th>
<th>Miami-Dade NOA No. 11-1207.02</th>
<th>Florida Non-HVHZ FL12487</th>
<th>State of Wisconsin 200208-I</th>
<th>ASTM E 119</th>
<th>Complies with ASHRAE 90.1 - 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICC ESR-2562</td>
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<tr>
<td>City of Los Angeles RR 25778</td>
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<tr>
<td>City of New York MEA 176-08M</td>
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<tr>
<td>Complies with IBC &amp; IRC 2009, 2012 &amp; 2015</td>
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<tr>
<td>Meets ASTM criteria for type I, II, III &amp; IV construction</td>
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</tbody>
</table>

### System Notes

- Drainage CI is an exception to special weather-barrier inspections; however, some jurisdictions may supersede this exception.
- CI is a non-structural cladding. It depends on the substrate wall for support and attachment. Substrate construction must resist all design loads.
- Sheathing attachment to framing must resist design negative wind loads; loads are transferred to the framing. Appropriate safety factors must be applied.
- All penetrations & non-draining terminations of the system must be made weather-tight.
### Components

**WRB, Joint Treatment & Flashing**
- ParexUSA WeatherSeal Spray & Roll-On
- ParexUSA 396 Sheathing Tape or 365 Flashing Membrane

**Termination Weep Strip**
- ParexUSA 369 DrainEdge

**OR**
- ParexUSA WeatherFlash Waterproof Filler

**WRB, Field Substrate**
The following WRB formulation options are available to meet specific project conditions and climate zone considerations:
- ParexUSA WeatherSeal Spray & Roll-On, ABAA Evaluated, ESR-2045

**Insulation Board**
- Expanded Polystyrene (EPS), minimum 3/4" after rasping

**Basecoat & Adhesive**
- A Parex 121 Optimum Basecoat & Adhesive
  - Select the Parex 121 Optimum Wet or Dry or 121 Dry HI

**Reinforcing Mesh**
- 4.5 oz to 20 oz available*

  Adjust to suit impact resistance requirements

  - Standard Impact Resistance, 25-49 in-lbs (2.8-5.6 J)
  - Intermediate Impact Resistance, 50-89 in-lbs (5.7-10.1 J)
  - High Impact Resistance, 90-150 in-lbs (10.2-17.0 J)
  - Ultra High Impact Resistance, >150 in-lbs (>17.0 J)

  *Use

  - 4.5 oz mesh = Standard impact resistance
  - 4.5 oz + 12 oz mesh = Intermediate impact resistance
  - 4.5 oz + 15 oz mesh = High impact resistance
  - 4.5 oz + 20 oz mesh = Ultra High impact resistance

  (Material & labor saving options are possible with the use of Parex 121 HI. See Parex 121 HI Technical Data Sheet for more information)

**Primer (optional)**
- A ParexUSA primer suitable for finish selected

**Finish or Coating**
- A Parex Aquasol™ acrylic finish

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Aquasol™ products enhance long-term performance and extend warranty options.