



**Standard CI** system is an adhesively attached CI system that offer energy efficiency; light weight, versatile design; and economical installation. This basic assembly relies on proper flashings, sealants and caulks to create a weather-tight protective face barrier against environmental exposure and incidental moisture intrusion. Impact resistance of these systems can be enhanced by the use of high-impact basecoat or additional layers of impact mesh and standard basecoats.

*Note: Standard CI mechanically fastened systems are available if project requirements are suitable for use. Contact ParexUSA Technical Support for additional information.*

### Suitable Types of Construction

Non-combustible  
Combustible  
Fire-Resistance Rated Walls  
Application Type  
Application Orientation  
NFP 285 Compliant

Commercial  
 Commercial  
 Commercial  
 New  Renovation  
 Exterior Only  
 Compliant

*Not qualified for use on wood-frame residential construction, including multi-unit. Refer to WaterMaster LCR CI systems.*

### Substrates

Glassmat Gypsum Sheathing  
Gypsum Sheathing  
Exposure 1 OSB<sup>1</sup>

Cement Fiber Sheathing  
Concrete & CMU  
CDX Plywood<sup>2</sup>

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

<sup>2</sup>See Tech Bulletin TB008 and TB011.

### Code Approvals

ICC ESR-2563  
Miami-Dade NOA Nos.  
12-0214.10, x.11, x.12  
11-1207.02  
Florida Building Code F  
Including HVHZ Statewide  
FL8605 & FL9180

City of Los Angeles RR 24631  
State of Wisconsin 200245-1  
Florida Non-HVHZ FL12485

### System Notes

- Some jurisdictions may require special inspections.
- 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 windloads; 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

### ➤ **Basecoat & Adhesive**

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

Optimum products provide enhanced long-term performance.

Use Parex 121 Dry HI for additional impact resistance performance.

### ➤ **Insulation Board**

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

2 to 4 inches meets most current code requirements.

### ➤ **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

The use of primer enhances appearance and uniformity of the finish, improves finish coverage rates, helps prevent efflorescence, and promotes adhesion.

### ➤ **Finish or Coating**

- A Parex acrylic or a ParexUSA specialty finish

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

### ➤ **Sealers**

- A ParexUSA sealer

# PAREX®

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