

PAREX[®]



WATERMASTER CI

A SYSTEMS APPROACH TO THE BUILDING ENCLOSURE

BUILDING TRUST



PAREX WATERMASTER CI

There is a lot to consider when designing and constructing a modern building enclosure. From energy efficiency and fire performance to evolving building codes, durability, aesthetic appeal, budget and so much more.

You can piecemeal it together – choose the components separately from different manufacturers, then assemble them in a way that meets all the project and building code requirements. Or you can turn to Parex, a Sika brand, for the WaterMaster CI, a fully integrated, code compliant wall system with unlimited aesthetic options and covered under a single source manufacturer warranty. More than a set of products, the insulated cladding system has been tested, detailed and supported to meet the needs and requirement of modern building design and construction.





WHY PAREX?

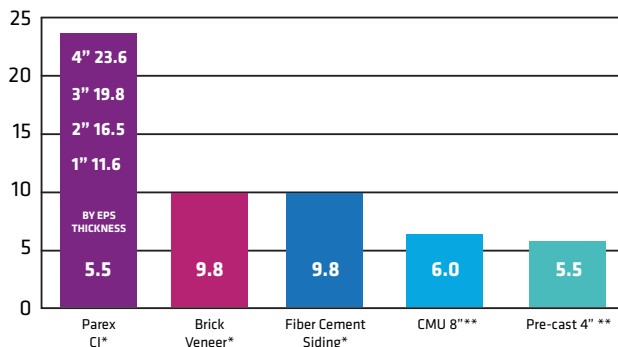
RIGOROUSLY TESTED AND EVALUATED to ensure components work together as a fully integrated, code-compliant system, the WaterMaster CI system is listed by ICC Evaluation Service in ESR-2562 evaluation report.

ENERGY EFFICIENCY

By including insulation outside of the framing, thermal expansion and contraction of the framing is reduced. Adhesively attached continuous exterior layer of insulation provides long term energy efficiency savings. Since lintels and mechanical fasteners are not needed, thermal bridges are practically eliminated. WaterMaster CI uses at least one-inch and as much as 12-inches of Type I expanded polystyrene (EPS) insulation board with an R-Value of 3.85/inch (Type I at 75°F).



Comparative Nominal R-Values of Wall Assemblies



*Includes R-11 stud cavity batts, 1/2" sheathing and wallboard.

**Includes 3/4" XPS and 1/2" wallboard.

Source: ASHRAE Handbook of Fundamentals

MOISTURE PROTECTION

Parex WaterMaster CI handles air and water with Parex WeatherSeal fluid-applied air/water-resistive barrier. The system meets ASTM E2273 minimum 90% drainage efficiency. Other aspects of air/water-resistive barrier code compliance are confirmed by performance testing according to ICC-ES Acceptance Criteria AC 212. The system also incorporates an adhesive drainage plane, allowing moisture to escape, reducing the risk of mold and costly moisture damage.

DURABILITY

The exterior skin of WaterMaster CI uses fiberglass reinforcement embedded in Parex polymer modified cement base coat. Parex base coat provides water-resistance, resilience, and noncombustibility. Parex offers a wide range of reinforcing mesh products to meet the required strength and durability. WaterMaster CI holds several Miami-Dade County Notices of Acceptance (NOAs).

FIRE PERFORMANCE

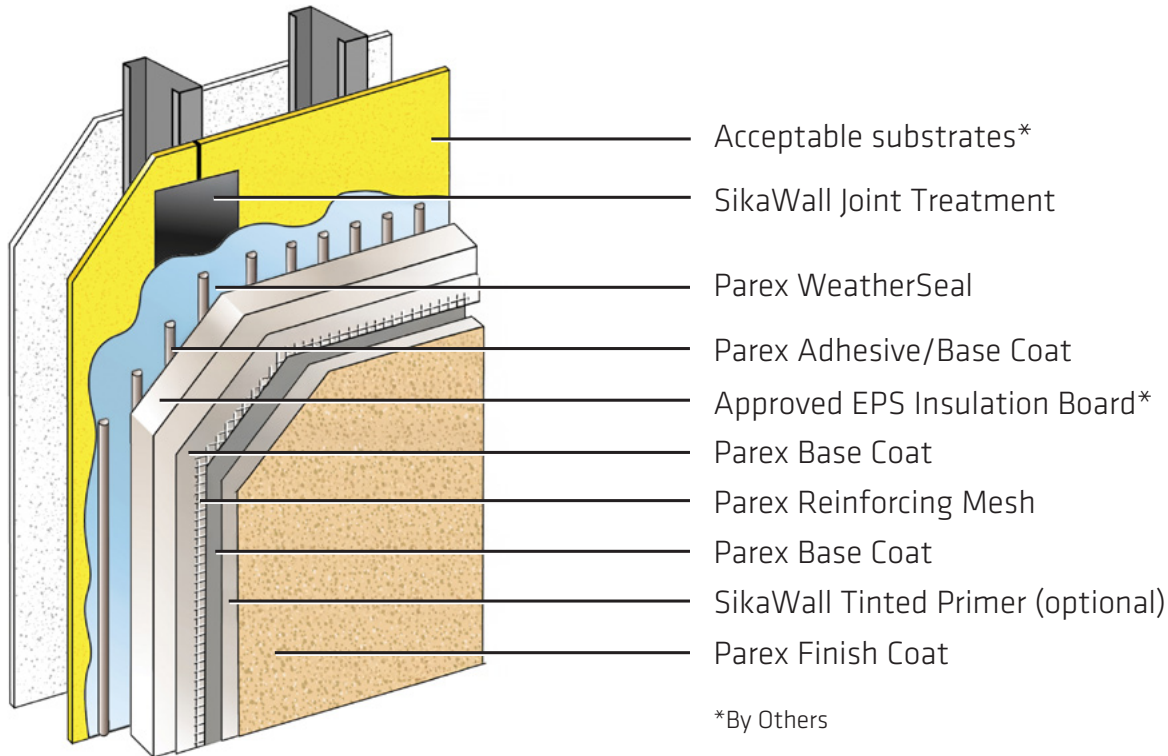
Fire is a complex thing that is not easily tested. The most rigorous fire tests are performed on wall assemblies, not materials. WaterMaster CI has demonstrated compliance with NFPA 285 and 268 and does not affect the performance of a fire-rated wall assembly, tested per ASTM E119.

SINGLE-SOURCE WARRANTY

Parex, a brand of Sika stands behind the WaterMaster CI wall system, with a Limited Labor, Material, and Drainage Warranty.

THE ULTIMATE SOLUTION

PAREX WATERMASTER CI is a continuously insulated moisture drainage wall cladding system. The fully integrated system features a WeatherSeal fluid-applied air/water-resistive barrier, moisture drainage, up to R46 (12" Type I EPS) continuous exterior insulation, optional SikaWall Ultra HI 20 reinforcing mesh and a wide range of finish options.



CODE COMPLIANCE	
Document	Code Description
ICC-ESR 2562	Complies with IBC and IRC
ASTM E2568 / AC 235	Complies with requirements
ASTM E119	Does not detract from fire rating of base wall
ICC-ESR 2045 (WeatherSeal)	Air/water-resistive barrier†
NFPA 285/268	Meets requirements for use on fire-resistance-rated construction and in any construction type, including IBC Types I through V
Miami Dade NOAs	Meets Miami Dade hurricane requirements.
For testing results, please reference WaterMaster CI Specification.	

Acceptable Substrates: PermaBase® Cement Board and other cement boards conforming with ASTM C1325 (Type A - exterior); poured concrete/unit masonry; ASTM C1177 type sheathings, including Weather Defense™ Platinum sheathing, GreenGlass® sheathing, eXP™ sheathing, GlasRoc® sheathing, Securock™ glass-mat sheathing, and DensGlass® exterior sheathing; DensElement (sheathing only), gypsum sheathing (ASTM C79/C1396); Exposure I or exterior plywood (Grade C/D or better); or Exposure I OSB.

† WeatherSeal can be used behind all claddings where more than one wall system is specified, creating one continuous AWRB system. This is appropriate whenever Parex WaterMaster CI is used with other cladding types on a multi-clad building.

AESTHETIC VERSATILITY

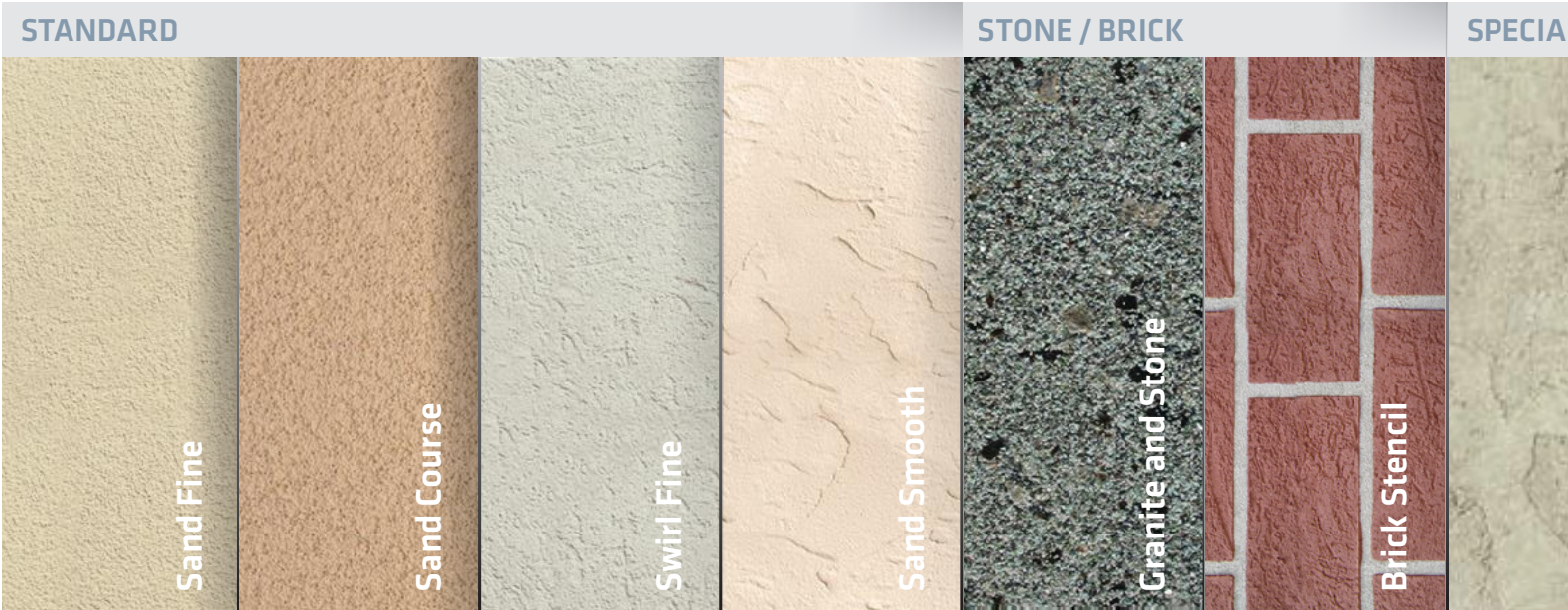
Multi-cladding appearances are visually interesting but can be complicated to achieve. A continuous layer of insulation and air/water-resistive barrier must be monolithic and unbroken, with a defined drainage plane. Meticulous labor coordination and handoff is critical where multiple claddings require multiple installation teams.

With WaterMaster CI, multi-cladding design can be easily achieved over a continuous layer of insulation, air/water-resistive barrier and drainage with one installation crew. From wood grain and metallic panels to stucco, granite and so much more. Choose from an unlimited selection of colors and textures to achieve the required look and feel.



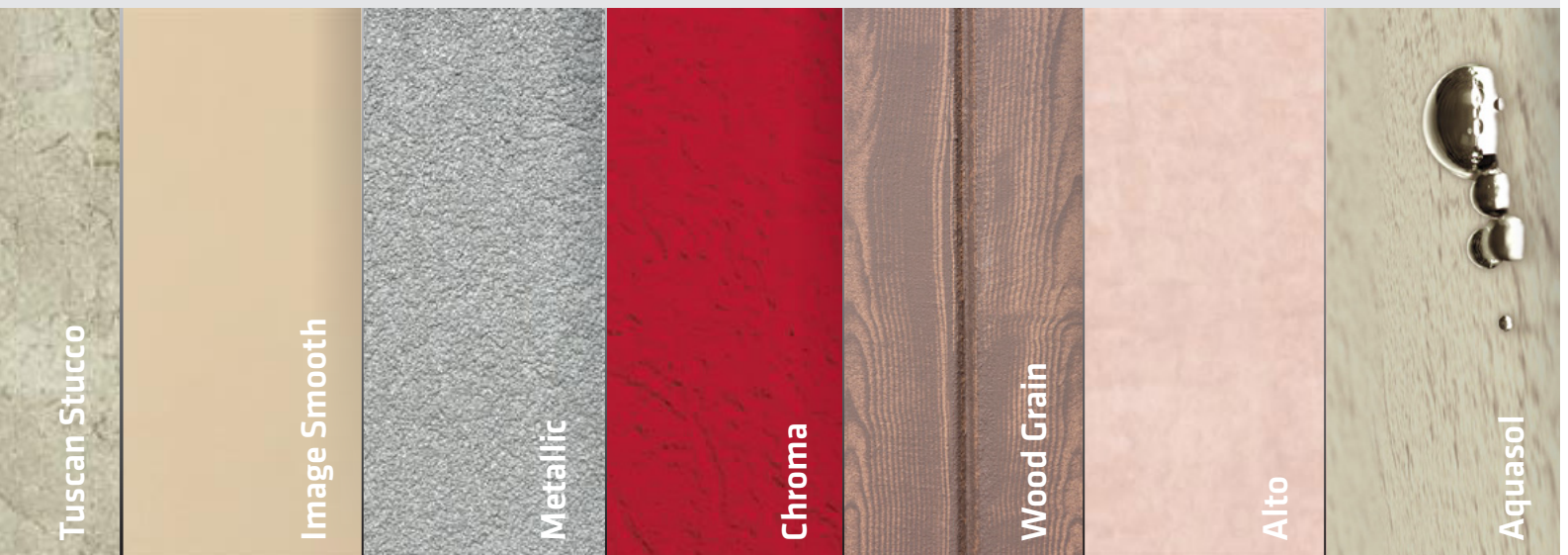
PAREX FINISHES

ACHIEVE THE LOOK AND FEEL YOU WANT





LT



Tuscan Stucco

Image Smooth

Metallic

Chroma

Wood Grain

Alto

Aquasol



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