



Thank you for your interest in Corium.

A few key points before you review the relative pricing of Corium and Brick.

First of all the wall makeup is typically as shown here, a true ventilated rainscreen.



Brick, Mortar, rails

Thermally Broken substructure, insulated with membranes

That is it.

Brick construction has more components to buy, to lose, to install, to have stolen, to break, to install incorrectly ... you get it.

Corium

1. Brick (half weight)
2. Lime Mortar (much less)
3. Water (much much less)
4. Rails
5. Rainscreen assembly
6. Fasteners
7. Labour can be a variety of skilled trades

Weight 14 lb / sq ft

Traditional Brick

1. Brick
2. Cementous Mortar (much more)
3. Water (much much more)
4. Lintels
5. Tieback to floor slabs
6. Sealants and backing rods
7. Brick ties
8. Vent inserts
9. Reinforced structural wall and assembly
10. Mortar block
11. Labour restricted to bricklayers

Weight 40 lb / sq ft

Concrete

1. Concrete
2. Concrete
3. Concrete
4. Caulking joints
5. Cranes
6. Attachments and lintels
7. Reinforced slab edge

Weight 100+ lb / sq ft



ESTIMATING COMPARISON: Corium Rainscreen System versus Conventional Brick Veneer

Project Description: 13 Story, Light gauge steel framing, Punched windows & 35,000 sq ft of brick veneer	Conventional Brick	Corium Rainscreen System	Comments
Installed Square Foot Cost:	\$55.00/sq ft	\$50.00/sq ft	
Non-Union Labor Rates: Masons - \$45/h – base pay Laborers - \$20/h – base pay			Labor to install Corium Trays & Brick can be performed by masons, carpenters and/or laborers.
Crews ratio	Typical 2:1 masons to laborers	Crew of 10 with 2 masons & 8 laborers	Corium takes the skill out of the labor and puts it in the material.
Scaffolding – Mast Climbers Brick, Ties, Mortar	Included Included	Included	Corium material cost includes Brick, Rails, Mortar, Sub-Framing, Drawings, Engineering and delivery to project.
Staging Area	Required	Required	Staging area footprint greatly reduced with Corium.
Tenting/Tarping of Staging/Scaffolding Heat Source	\$5.00/sq ft TBD	NA NA	Unlike, traditional masonry, Corium, Rail, Brick & accompanying wall system components can be installed in cold or damp conditions, then mortar can be installed during warm/dry days.
Lintels: Relieving Angles Strengthened Steel Framing Back Up Wall	Required \$4.70/sq ft \$4.00/sq ft	NA NA NA	L/360 required for Corium – L/900 required for Conventional Masonry over LGSF

Flashing	Required	NA	Flashing failure or installation issues are the primary source of leaks with traditional masonry veneer and is not necessary with the Corium System.
Brick Ledge/Foundations	Required	NA	875,000 pounds removed from the superstructure with Corium & Brick Shelves are not required
Intangibles: Staging/Mixing Area Brick Storage Mortar Storage Water/mud/mess	Large Barrel Mixer Required Required Necessary	Handheld Drill mixer Required Required Minimal	Corium Mortar mixed in 5 Gallon buckets 75% less clay with the 1.25" thick Corium Tiles Traditional Masonry Requires 300% more mortar Corium System requires far less water usage for production and clean up, which equals less mess/mud and reduces job site cleanup costs.
Installation Speed/Time			160,000 bricks installed in 6 weeks
Total wall cost/projections	\$68.70/sq ft	\$50.00/sq ft	

Source: Data for illustration purposes only and some projects will have variables which could alter this illustration.