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FACADE SYSTEMS INC.

# Strength – Speed - Simplicity

## Engineered Brick Rainscreen Façade System

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# Why Corium

**Its Brick and Rainscreen!**
**Strength – Speed - Simplicity**

**BEST** choice of shapes sizes, finishes and custom products.

**Overcomes bricklayer labour shortages**

**Design freedom**
Unlimited choices of layouts

**Hi-Rise Brick**
Fastest, least expensive, highly constructible solution.

**Offsite Construction**

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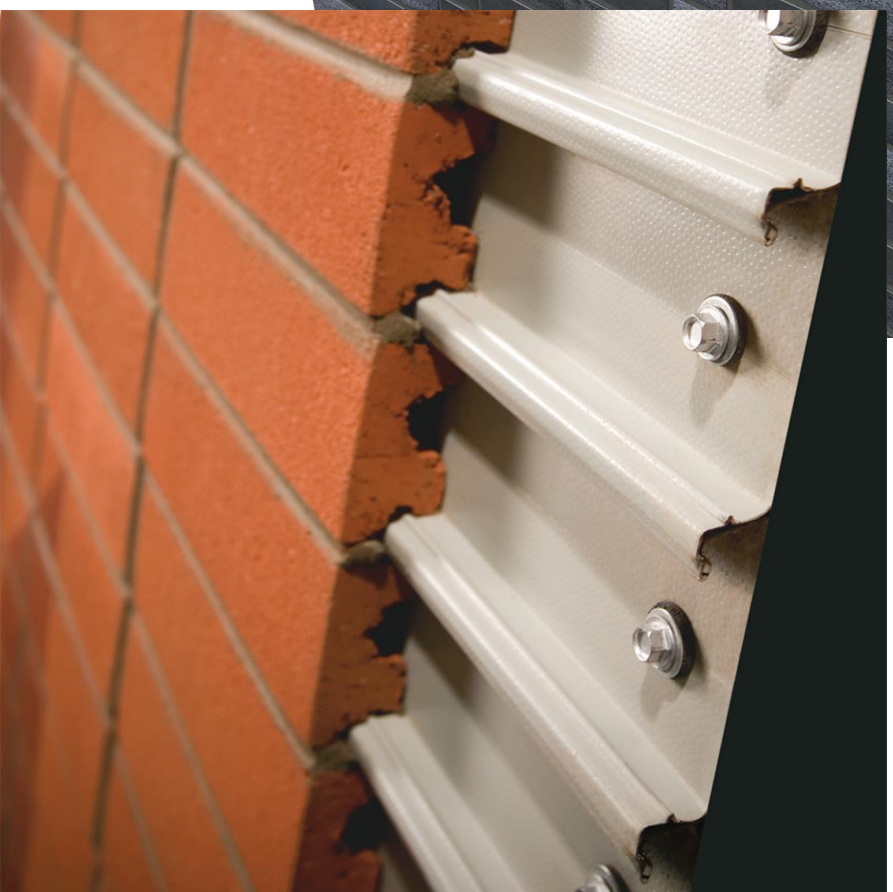
# Its Brick and Rainscreen!

Brick

Rainscreen Assembly



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# Simplicity

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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

## 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 13 lb / sq ft**

**Weight 40 lb / sq ft**

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# Assembly Process

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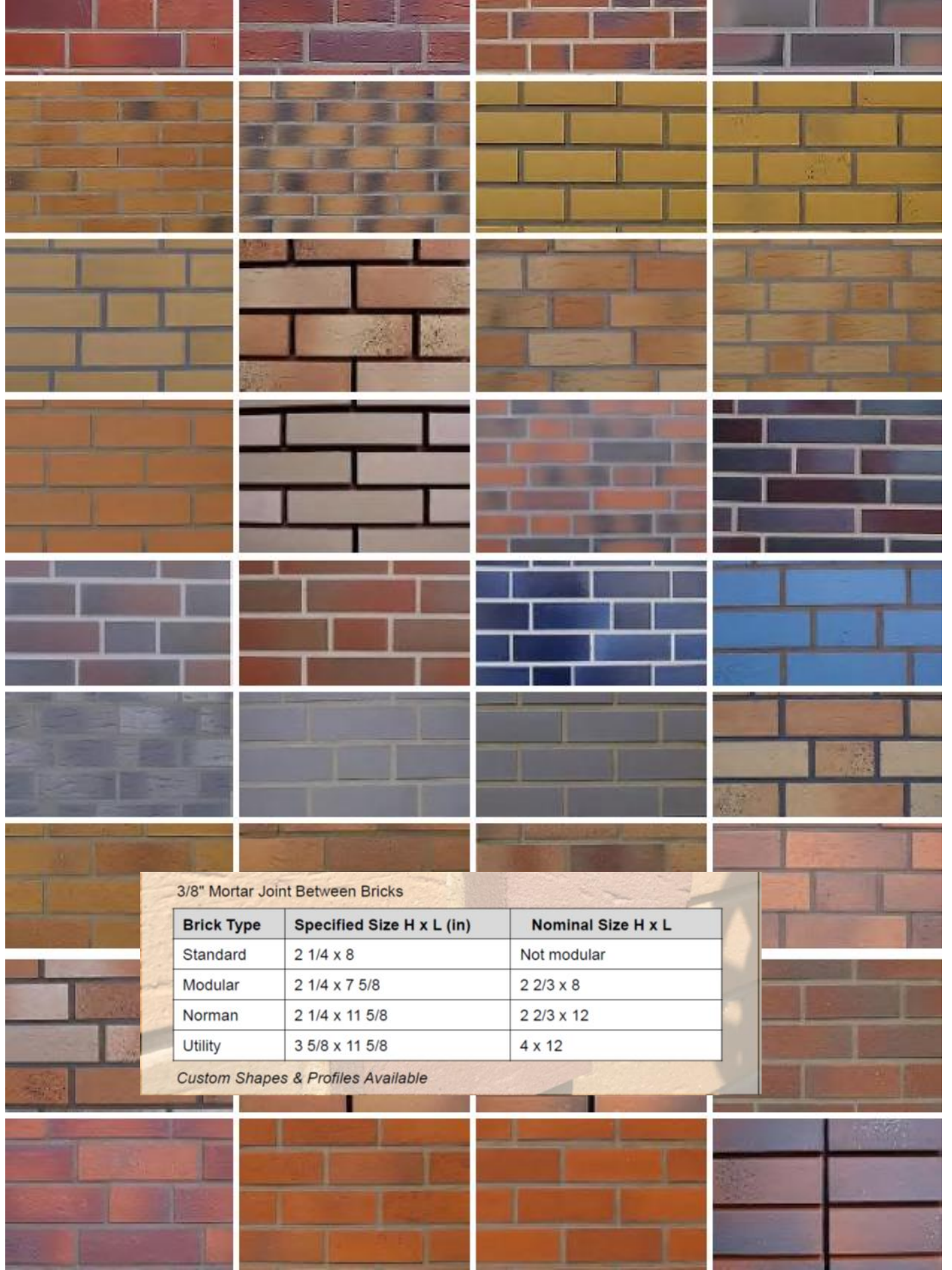

3/8" Mortar Joint Between Bricks

| Brick Type | Specified Size H x L (in) | Nominal Size H x L |
|---|---|---|
| Standard | 2 1/4 x 8 | Not modular |
| Modular | 2 1/4 x 7 5/8 | 2 2/3 x 8 |
| Norman | 2 1/4 x 11 5/8 | 2 2/3 x 12 |
| Utility | 3 5/8 x 11 5/8 | 4 x 12 |

*Custom Shapes & Profiles Available*

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# Shapes

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# BIG Architects – Wilson School Arlington VA

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Labour shortages for a technology that has not changed for centuries

Even investments, like robots to keep antiquated technology alive?

(putting engine in horse drawn buggy?)

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# Design freedom

## choice of layouts - traditional

# Design freedom

choice of layouts – vertical large brick

[Click here to see Youtube video]

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# Design freedom

choice of layouts – try that one with a bricklayer

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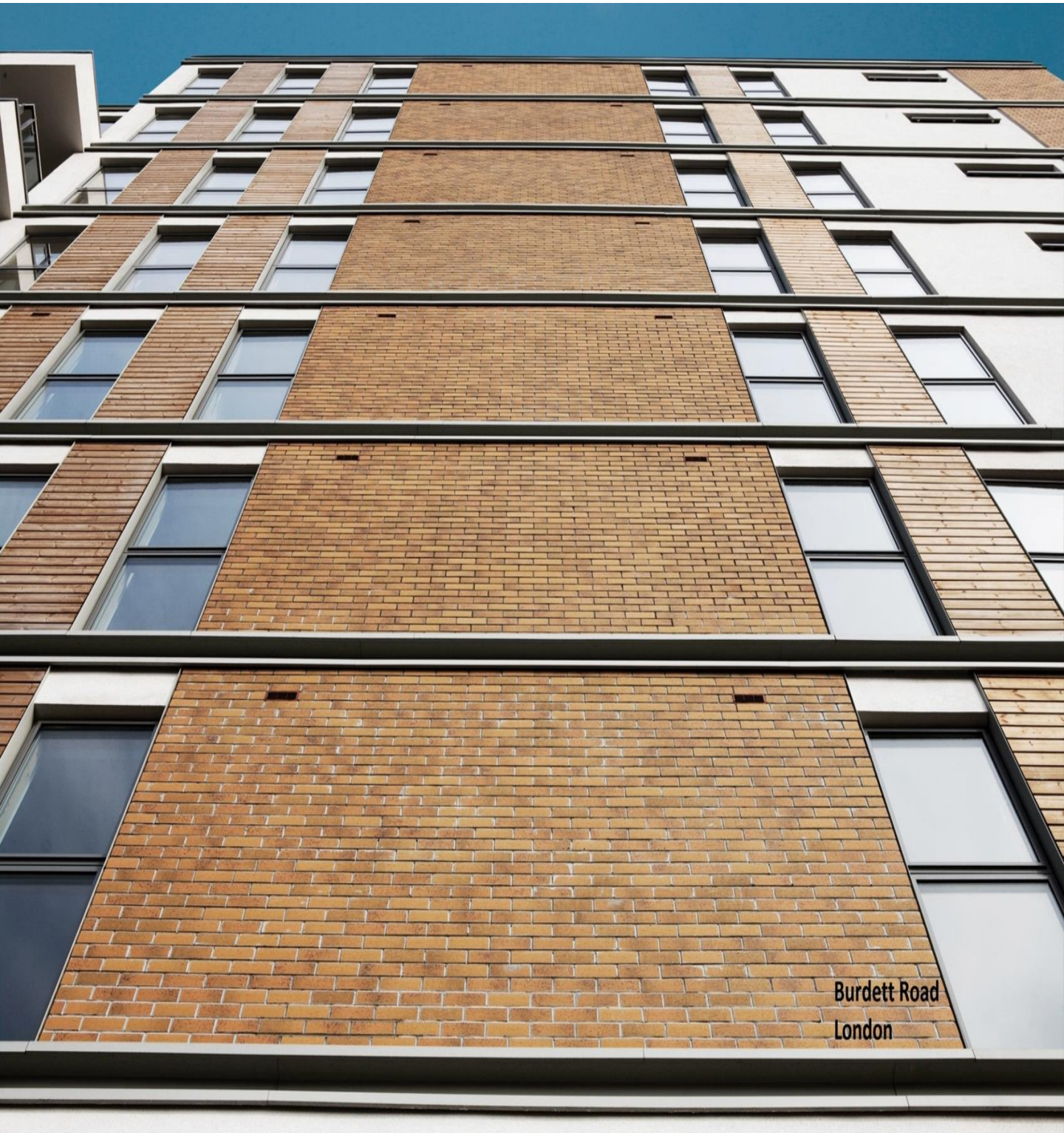
# Hi Rise Construction



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# Hi Rise Construction

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# Hi Rise Construction

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# Offsite Construction

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