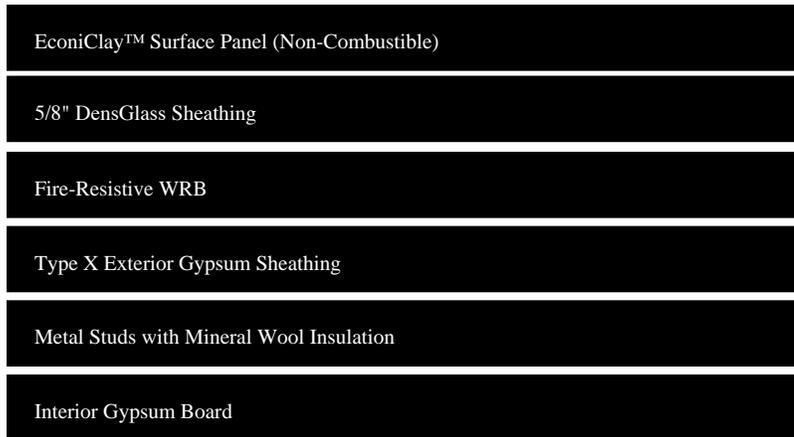


Detail D-1 – EconiClay™ Exterior Wall Assembly (Type III – WUI)

Detail Reference: A-5.20

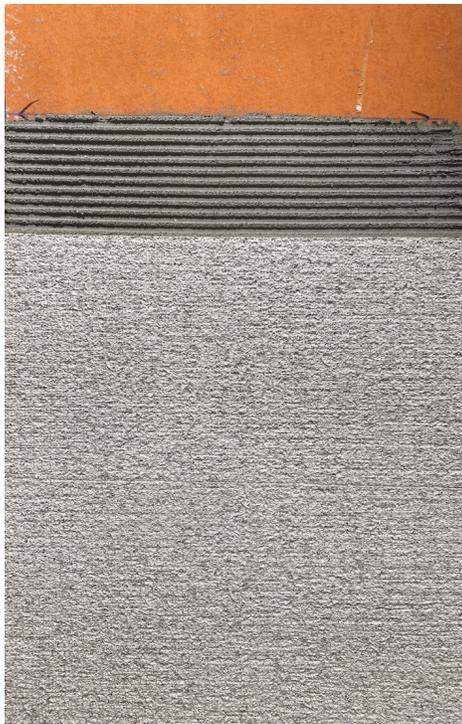
Type III non-combustible exterior wall assembly for California WUI zones.



A-5.20

Keynotes / Fire Callouts:

- Surface finish: non-combustible mineral-based panel
- ASTM E84: Class A surface burning characteristics
- WUI compliance per OSFM SFM 12-7A (assembly dependent)
- Maintain continuity of fire-resistive WRB and sheathing



Detail D-2 – EconiClay™ Exterior Wall Assembly (Type V – WUI)

Detail Reference: A-5.21

Type V combustible structure with non-combustible exterior finish.

| |
|--|
| EconiClay™ Surface Panel (Non-Combustible) |
| 5/8" DensGlass Sheathing |
| Fire-Resistive WRB |
| Type X Exterior Gypsum Sheathing |
| Wood Studs with Insulation |
| Interior Gypsum Board |

A-5.21

Keynotes / Fire Callouts:

- Non-combustible exterior surface over combustible framing
- ASTM E84 Class A surface performance
- WUI approval based on complete tested wall assembly
- Coordinate fastening with fire-resistive sheathing



Detail D-3 – EconiClay™ Podium / Mid-Rise Assembly (Type I)

Detail Reference: A-5.22

Fire-resistive podium construction with continuous insulation.

| |
|--|
| EconiClay™ Surface Panel (Non-Combustible) |
| 5/8" DensGlass Sheathing |
| Fire-Resistive WRB |
| Type X Exterior Gypsum Sheathing |
| Continuous Insulation |
| Concrete or Steel Backup Wall |
| Interior Rated Gypsum Board |

A-5.22

Keynotes / Fire Callouts:

- Exterior finish is non-combustible
- Wall fire-resistance rating per structural design (1-hr / 2-hr)
- ASTM E84 Class A surface characteristics
- Coordinate insulation attachment to maintain rating



Detail D-4 – EconiClay™ Exterior Wall Assembly (Type II)

Detail Reference: A-5.23

Non-combustible mid-rise exterior wall assembly.

| |
|--|
| EconiClay™ Surface Panel (Non-Combustible) |
| 5/8" DensGlass Sheathing |
| Fire-Resistive WRB |
| Type X Exterior Gypsum Sheathing |
| Metal Studs with Insulation |
| Interior Gypsum Board |

A-5.23

Keynotes / Fire Callouts:

- Fully non-combustible wall assembly
- ASTM E84 Class A surface burning characteristics
- WUI compliance subject to assembly evaluation
- Coordinate fire stopping at floor lines



Detail D-5 – EconiClay™ Panel Joint & Edge Detail

Detail Reference: A-5.24

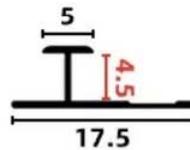
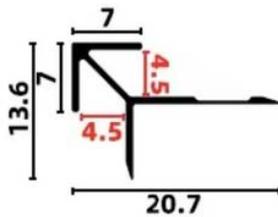
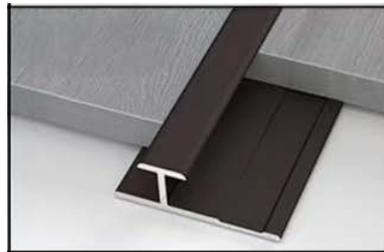
Typical panel joint and edge condition.



A-5.24

Keynotes / Fire Callouts:

- Maintain non-combustible joint materials
- Seal joints to maintain weather and fire performance
- Joint layout per manufacturer recommendations



Detail D-6 – EconiClay™ Base / Termination Detail

Detail Reference: A-5.25

Base condition at grade or slab edge.



A-5.25

Keynotes / Fire Callouts:

- Maintain clearance above grade per code
- Provide fire- and moisture-resistant termination
- Coordinate WRB continuity

Detail D-7 – EconiClay™ Window & Opening Interface

Detail Reference: A-5.26

Window head, jamb, and sill interface detail.

| |
|----------------------------|
| EconiClay™ Panel |
| Flashing & WRB Integration |
| Window Frame |
| Interior Finish |

A-5.26

Keynotes / Fire Callouts:

- Maintain fire-resistive continuity at openings
- Integrate flashing with WRB
- Seal penetrations per WUI requirements

