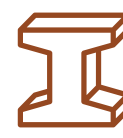


## Backup Wall Checklist

Confirm your backup wall meets all critical functional requirements.



### Air Management

**Properly manage air & vapor flow at the envelope**

- ❑ Minimizes penetrating air barrier with anchors/screws when attaching insulation or façade materials

### Water Management

**Manage moisture trying to get into your building**

- ❑ Minimizes penetrating drainage plane with anchors/screws when attaching insulation or façade materials
- ❑ Has pressure-equalized joints to keep water out
- ❑ Backup wall provides water-tight building; allows flexibility of façade materials as rain screen

### Fire Protection

**Provide fire protection that meets NFPA 285**

- ❑ Continuous insulation backup wall assembly meets NFPA 285 requirements

### Thermal Efficiency

**Deliver thermal efficiency & energy savings**

- ❑ Continuous insulation meets ASHRAE definition with no thermal bridges
- ❑ Backup wall's EFFECTIVE R-value meets code-required minimum in a single-pass
- ❑ Doesn't trap moisture from dew point condensation within cavity

### Structural Façade Support

**Provide support for façade materials**

- ❑ Provides adequate façade support without cantilevering through thick insulation layer
- ❑ Simplifies future re-skinning of building
- ❑ Façade attachment avoids damage to underlying air and thermal layers

### Ease of Installation

**Provide quicker construction schedule with fewer headaches**

- ❑ Minimizes backup wall installation to a single trade, single pass
- ❑ Long exposure time of backup wall allowing for flexible construction scheduling
- ❑ Provides insulation-free wall stud cavity to run plumbing, conduits and other utilities
- ❑ Provides plumb level surface for attaching façade materials
- ❑ Reduces construction waste
- ❑ Simple installation for varying levels of installer experience

