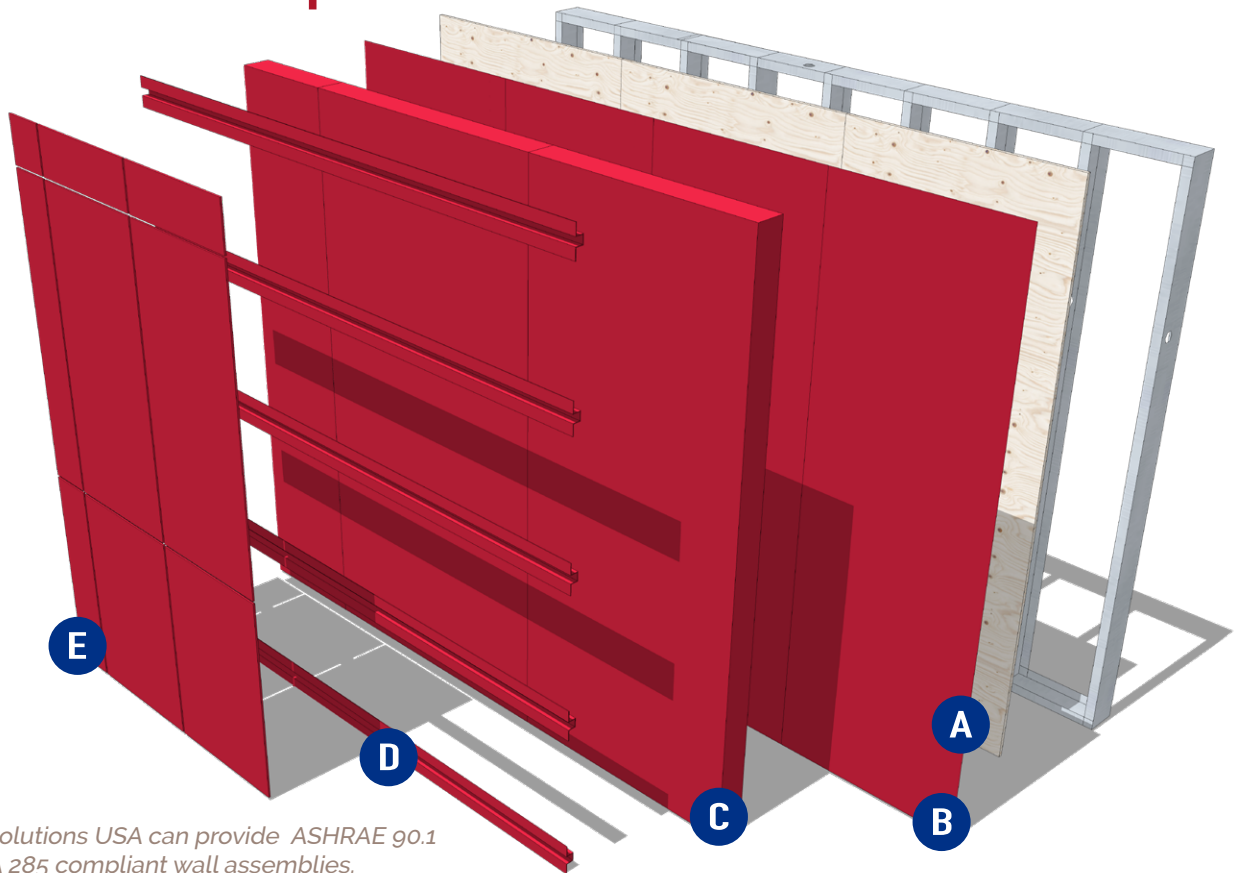


# Optimum Wall Composition



Exterior Solutions USA can provide ASHRAE 90.1 and NFPA 285 compliant wall assemblies.

## A Air Management

Air barrier blocks air movement to the inside

Recommended material: VaproShield WRB/Air Barrier membranes

## B Vapor Management

High perm/drying capacity WRB promotes rapid drying via diffusion of the building envelope

Recommended material: VaproShield WRB/Air Barrier membranes

## C Thermal Management

Exterior insulation

Recommended materials: Hunter Continuous Insulation (CI), or Rockwool Semi-Rigid mineral wool

## D Secondary Water Management/ Thermal Break

Z girts, hat channels and shims provide both a drainage plane and thermal break. The drainage plane allows water to properly shed and not dam around the extrusions. The thermal break system "breaks" the energy transfer from the extrusions to the sheathing, resulting in energy savings.

Recommended material: Shims, battens, Z girts, hat channels, attachment systems

## E Water Management

Primary: cladding

Recommended materials: Silbonet Fiber Cement, others at owners discretion

Exterior Solutions USA offers turnkey construction management solutions for the building envelope. Contact us for a complete submittal package or visit [ExteriorSolutionsUSA.com](http://ExteriorSolutionsUSA.com).

