

Twinsprings Durability Checklist

Durability Strategies by Issue Type
Exterior Water / Moisture
Slab replacement with moisture control system--WaffleMat
Exterior rain screen under siding
Siga Moisture Air barrier on exterior
Fiberglass edging installed over exterior insulation
Interior Water / Moisture
<i>LEED for Homes Prerequisites (remove if not applicable)</i>
Nonpaper-faced backer board used in all tubs, showers, and spa areas. (see ID 2.1)
Water-resistant flooring in the kitchen, bathroom, laundry rooms, and spa areas. (see ID 2.1)
Water-resistant flooring within 3 feet of all exterior doors. (see ID 2.1)
Drain and drain pan installed for any tank water heaters in or over living spaces. (see ID 2.1)
Drain and drain pan OR single-throw supply valve installed for any clothes washers in or over living spaces. (see ID 2.1)
Conventional clothes dryers exhausted directly to outdoors; Condensing clothes dryer has drain and drain pan. (see ID 2.1)
Whole house ventilation and local kitchen and bathroom exhaust systems that comply with ASHRAE Std. 62.2 (see EQ 4.1 / 5.1)
Siga air barrier on interior
Rebuild exterior window access retaining walls
High R value windows and doors
Air Infiltration
<i>LEED for Homes Prerequisites (remove if not applicable)</i>
Thermal bypass inspection checklist passed (see EA 1.1 / 2.1)
Multiple air barrier layers in ceiling--polyiso sealed, Siga air barrier, drywall
Polyiso over original construction areas with multiple 2 x 4's
Interstitial Condensation
<i>LEED for Homes Prerequisites (remove if not applicable)</i>
All local exhaust systems vented directly to the outdoors. (see EQ 5.1)
Interstitial spaces are never used to supply or return forced air. (see EA 5.1)
Duct leakage to the outdoors limited to 6 cfm / 100 sq.ft. (see EA 1.1 / 5.1)
Siga Moisture permeable air barrier allows moisture to escape from insulated ceiling
Rainscreen layer under siding allows moisture to escape from exterior walls.

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Pests

Insect barriers at top and bottom of siding and around all exterior pipes

Caulking around doors and windows

Air lock entry separating garage and front door from interior

Heat Loss

LEED for Homes Prerequisites (remove if not applicable)

Climate zone 4-8: Exposed concrete slab edge insulated. (see EA 1.1 / 2.1)

Concrete slab edge insulated on both interior and exterior

Ultraviolet Radiation

Light shelves in clerestory

Natural Disasters

Earth berm protection against tornadoes and blizzards

Post and beam construction protection against earthquakes

Non-vegetated barrier around home protection against wildfires

Other

LEED for Homes Prerequisites (remove if not applicable)

Refrigerant charge test conducted. (see EA 11.1)