

LEED for Homes (v4)

15/15

Credit	Integrative process	POSSIBLE: 2	2
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LOCATION & TRANSPORTATION		POSSIBLE: 15	
Prereq	Floodplain avoidance	REQUIRED	
Credit	LEED for Neighborhood Development	REQUIRED	15
Credit	Site selection	REQUIRED	8
Credit	Compact development	REQUIRED	3
Credit	Community resources	REQUIRED	2
Credit	Access to transit	REQUIRED	2

3/7



SUSTAINABLE SITES		POSSIBLE: 7	
Prereq	Construction activity pollution prevention	REQUIRED	
Prereq	No invasive plants	REQUIRED	
Credit	Heat island reduction	REQUIRED	2
Credit	Rainwater management	REQUIRED	3
Credit	Nontoxic pest control	REQUIRED	2

12/12



WATER EFFICIENCY		POSSIBLE: 12	
Prereq	Water metering	REQUIRED	
Credit	Total water use	REQUIRED	12
Credit	Indoor water use	REQUIRED	6
Credit	Outdoor water use	REQUIRED	4

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ENERGY & ATMOSPHERE		POSSIBLE: 38	
Prereq	Minimum energy performance	REQUIRED	
Prereq	Energy metering	REQUIRED	
Prereq	Education of homeowner, tenant, or building manager	REQUIRED	
Prereq	Home size	REQUIRED	
Credit	Annual energy use	REQUIRED	29
Credit	Efficient hot water distribution system	REQUIRED	5
Credit	Advanced utility tracking	REQUIRED	2
Credit	Active solar-ready design	REQUIRED	1
Credit	HVAC Start-up credentialing	REQUIRED	1
Credit	Building orientation for passive solar	REQUIRED	3
Credit	Air infiltration	REQUIRED	2
Credit	Envelope insulation	REQUIRED	2
Credit	Windows	REQUIRED	3
Credit	Space heating and cooling equipment	REQUIRED	4
Credit	Heating and cooling distribution systems	REQUIRED	3
Credit	Efficient domestic hot water equipment	REQUIRED	3
Credit	Lighting	REQUIRED	2
Credit	High-efficiency appliances	REQUIRED	2
Credit	Renewable energy	REQUIRED	4



MATERIAL & RESOURCES		POSSIBLE: 10	
Prereq	Certified tropical wood	REQUIRED	
Prereq	Durability management	REQUIRED	
Credit	Durability management verification	REQUIRED	1
Credit	Environmentally preferable products	REQUIRED	4
Credit	Construction waste management	REQUIRED	3
Credit	Material-efficient framing	REQUIRED	2

6/10



INDOOR ENVIRONMENTAL QUALITY		POSSIBLE: 16	
Prereq	Ventilation	REQUIRED	
Prereq	Combustion venting	REQUIRED	
Prereq	Garage pollutant protection	REQUIRED	
Prereq	Radon-resistant construction	REQUIRED	
Prereq	Air filtering	REQUIRED	
Prereq	Environmental tobacco smoke	REQUIRED	
Prereq	Compartmentalization	REQUIRED	
Credit	Enhanced ventilation	REQUIRED	3
Credit	Contaminant control	REQUIRED	2
Credit	Balancing of heating and cooling distribution systems	REQUIRED	3
Credit	Enhanced compartmentalization	REQUIRED	1
Credit	Enhanced combustion venting	REQUIRED	2
Credit	Enhanced garage pollutant protection	REQUIRED	2
Credit	Low-emitting products	REQUIRED	3

6/16



INNOVATION		POSSIBLE: 6	
Prereq	Preliminary rating	REQUIRED	
Credit	Innovation	REQUIRED	5
Credit	LEED Accredited Professional	REQUIRED	1

0/6



REGIONAL PRIORITY		POSSIBLE: 4	
Credit	Regional priority	REQUIRED	4

0/4

TOTAL				110
40-49 Points	50-59 Points	60-79 Points	80+ Points	
CERTIFIED	SILVER	GOLD	PLATINUM	

LT 15

Not a gimme, but not difficult to earn... simply pick the right site and the rewards follow.

SS 3

Rainwater management: yes. Not sure on others. Options for non-toxic termite control?

WE 12

Heard that state is open to exploratory gray water systems. Don't know cost implications.

EA 38

The bulk of the points here are the focus of the RtoZ competition. Strong showing here.

MR 6

If anything like LBC, materials credits are hard to get. Vetting products time-consuming.

IE 6

Some overlap to RtoZ, but at this point I want to check my tendency towards optimism.

IN 0

No idea on these yet. Not familiar with possible options - buffer for overestimates.

BASELINE GUESSTIMATE, LEED v4 FOR HOMES SCORE

79

... maybe 78. My gut is that MOST of these requirements are achievable for the Suburban Single Family (SSF) with minimal additional efforts over the Race to Zero requirements. Platinum is within reach.

Scorecard image from USGBC. www.usgbc.org/dopdf.php?q=scorecard/homes/v4

A1

ARCH 633

1.13.17

The Scorecard, a Gut-Level Assessment
A First Look at LEED v4 for Homes w/ Race to Zero Competition Entry

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