

**PRELIMINARY**  
**CALGreen Tier Pre-requisite Provision Review For GreenPoint Rated Comparison**

**PRELIMINARY: The criteria for CALGreen Tiers is still in development. This analysis is based upon assumptions of CALGreen Tiers as written in the code appendices and is subject to change.**

CAL GREEN CODE TIER PRE-REQUISITE PROVISIONS	*GPR Points	TIER 1	TIER 2	GPR Measure Number		GPR Threshold	NOTES / COMMENTS *The GreenPoint Rated label is earned only with full third party verification. *Points are earned if meet GPR criteria
				SF	MF		
<b>PLANNING AND DESIGN</b>							
<b>Site Development</b>							
<b>A4.106.2.3</b> Topsoil shall be protected or saved for reuse as specified in this section.							
Tier 1. Displaced topsoil shall be stockpiled for reuse in a designated area and covered or protected from erosion.	0*	X	X	A1a	A1a	GPR Higher	*The GreenPoint Rated criteria is more stringent and is not feasible for many projects. Most projects would not be eligible for credit.
Tier 2. The construction area shall be identified and delineated by fencing or flagging to limit construction activity to the construction area.	0*		X	A1b	A1b	GPR Higher	*The GreenPoint Rated criteria is more stringent and is not feasible for many projects. Most projects would not be eligible for credit.
<b>A4.106.4</b> Permeable paving is utilized for the parking, walking, or patio surfaces in compliance with the following:							
Tier 1. Not less than 20% of the total parking, walking, or patio surfaces shall be permeable. Driveway and entry walkway is exempted.	0*	X		PA1a	PA1a	GPR Higher	*The GreenPoint Rated criteria is more stringent without exemption for driveways and walkways and may not be within reach of most green projects. Most projects would not be eligible for credit.
Tier 2. Not less than 30% of the total parking, walking, or patio surfaces shall be permeable. Driveway and entry walkway is exempted.	0*		X	PA1a	PA1a	GPR Higher	*The GreenPoint Rated criteria is more stringent without exemption for driveways and walkways and may not be within reach of most green projects. Most projects would not be eligible for credit.
<b>A4.106.5</b> Roofing materials still have a minimum 3-year aged solar reflectance and thermal emittance or a minimum Reflectance Index (SRI)							
Tier 1. Roof covering shall meet or exceed the values contained in Table A4.106.5(1).	0*	X		J2	J1		*There is no GreenPoint Rated measure for this provision. Credit is gained through performance metric captured in Title 24 software and 2 points are earned for every 1% above Title 24
Tier 2. Roof covering shall meet or exceed the values contained in Table A4.106.5(2).	0*		X	J2	J1		*There is no GreenPoint Rated measure for this provision. Credit is gained through performance metric captured in Title 24 software and 2 points are earned for every 1% above Title 24

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<b>ENERGY EFFICIENCY</b>							
<b>General</b>							
A4.203.1 Exceed the California Energy Code requirements, based on the 2008 Energy Efficiency Standards, by 15%.	30*	X		J2	J1	Equal	*The GreenPoint Rated program includes a requirement for 15% above Title 24, earning 30 points.
A4.203.1 Exceed the California Energy Code requirements, based on the 2008 Energy Efficiency Standards, by 30%.	60*		X	J2	J1		*The GreenPoint Rated program includes a requirement for 15% above Title 24. 60 total points would be gained with a performance of 30% above T24.
<b>WATER EFFICIENCY AND CONSERVATION</b>							
<b>Indoor Water Use</b>							
A4.303.1 Kitchen faucets and dishwashers shall comply with this section.							
Tier 1. The maximum flow rate at a kitchen sink faucet shall not be greater than 1.5 gallons per minute at 60 psi.	0*	X	X	G2c	G1di	GPR Lower	*The GreenPoint Rated criteria is 1.8 gal/minute and is a required provision for CALGreen mandatory provisions. No additional points would be earned for this Tier provision.
Tier 2. In addition to the kitchen faucet requirements for Tier 1, dishwashers in Tier 2 buildings shall be ENERGY STAR qualified and not use more than 5.8 gallons of water per cycle.	3		X	M2	M1a	Equal	
A4.304.4 Provide water-efficient landscape irrigation design that reduces the use of potable water.							
Tier 1. Does not exceed 65% of Eto times the landscape area.	1 - 8*	X		C11a	B1gi	GPR Higher and Lower	*GreenPoint Rated awards credit for compliance with this measure plus prescriptive landscaping practices implemented. The GPR thresholds are 50% and 70% Eto
Tier 2. Does not exceed 60% of Eto times the landscape area.	2 - 9*		X	C11b	B1gi	GPR Higher and Lower	*GreenPoint Rated awards credit for compliance with this measure plus prescriptive landscaping practices implemented. The GPR thresholds are 50% and 70% Eto

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<b>MATERIAL CONSERVATION AND RESOURCE EFFICIENCY</b>							
<b>Foundation Systems</b>							
<b>A4.403.2</b> Cement use in foundation mix design is reduced.							
Tier 1. Not less than a 20% reduction in cement use.	2	X		B1	D1	Equal	
Tier 2. Not less than a 25% reduction in cement use.	0*		X	B1	D1	GPR Lower	*2 points are earned when meet the GreenPoint Rated threshold of 20%. No additional points are available.
<b>Material Sources</b>							
<b>A4.405.3</b> Post-consumer or pre-consumer recycled content value (RCV) materials are used on the project.							
Tier 1. Not less than a 10% recycled content value.	0-3*	X		A3, B1, C12, D3, E1, F1, K5, K6, L1			*It is not clear that this measure can be met in wood frame construction (vs steel construction). More evaluation is needed. Engineered lumber is virgin lumber and therefore can not be used for
Tier 2. Not less than a 15% recycled content value.	0-3*		X				*It is not clear that this measure can be met in wood frame construction (vs steel construction). More evaluation is needed. Engineered lumber is virgin lumber and therefore can not be used for compliance.
<b>Construction Waste Reduction, Disposal and Recycling</b>							
<b>A4.408.1</b> Construction waste generated at the site is diverted to recycle or salvage in compliance with one of the following:							
Tier 1. At least a 65% reduction.	0 - 1*	X		A2b	A2b	GPR Higher	*Points are earned if meet higher GPR threshold which requires diverting 100% of asphalt and concrete plus 65% of remaining materials
Tier 2. At least a 75% reduction.	0 - 2*		X	A2c	A2c	GPR Higher	*Points are earned if meet higher GPR threshold which requires diverting 100% of asphalt and concrete plus 75% of remaining materials

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<b>ENVIRONMENTAL QUALITY</b>							
<b>Pollutant Control</b>							
<b>A4.504.2</b> Install VOC compliant resilient flooring systems.							
Tier 1. At least 80% of the resilient flooring installed shall comply	incl	X		L3	L2	GPR Higher	*The GreenPoint Rated criteria requires low emitting floor covering to cover a minimum of 50% of <u>all</u> floor area, including carpet. Additional credit is earned for higher % of flooring. *Points are shown in Mandatory Comparison matrix
Tier 2. At least 90% of the resilient flooring installed shall comply	incl		X	L3	L2	GPR Higher	*The GreenPoint Rated criteria requires low emitting floor covering to cover a minimum of 50% of <u>all</u> floor area, including carpet. Additional credit is earned for higher % of flooring. *Points are shown in Mandatory Comparison matrix
Tier 1. VOC limits must comply with CHPS low emitting materials list	0	X		None	None		All insulation currently meets this criteria and therefore was dropped from GreenPoint Rated
Tier 2. Insulation contains No-Added Formaldehyde and must comply with CHPS low emitting materials list	0		X	None	None		Most all insulation currently meets this criteria and therefore was dropped from GreenPoint Rated
<b>TOTALS</b>							
<b>CALGreen Mandatory Requirements</b>	<b>18 - 28</b>						<b>*See Accompanying Comparison Matrix</b> <b>*CALGreen provisions meet the GreenPoint Rated minimum thresholds for IAQ and Water and do not meet the minimum for Energy or Resource Conservation</b>
<b>TIER 1 Pre-requisites and Electives</b>	<b>33 - 42</b>						<b>CALGreen Tier 1 provisions meets the GreenPoint Rated minimum threshold for Energy Efficiency but may not meet the GreenPoint Rated minimum for Resource Conservation</b>
<b>TIER 2 Pre-requisites and Electives</b>	<b>65 - 76</b>						<b>CALGreen Tier 2 provisions exceed the GreenPoint Rated minimum threshold for Energy Efficiency but may not meet the GreenPoint Rated minimum for Resource Conservation</b>