

Kāinga Ora Homestar v5 Transition Standard Summary by Credit

Credit	Transition Standard v5 Points	Transition Standard Criteria	Tools to be used	
EF1: Resource Efficiency	2	The dwelling's conditioned floor area (CFA) in m ² relative to the number of bedrooms is within the thresholds as per the table on page 37 of the Homestar v5 Technical Manual.	N/A	
EF3: Water Use	4	<ol style="list-style-type: none"> 1. Shower: ≤ 9 L/m (3 Star WELS) 2. Water Closet: Dual flush with no more than 4.5/3 l cistern (4 Star WELS) 3. Bathroom Taps: ≤ 4.5 L/m (6 Star WELS) 4. Kitchen Sink: ≤ 7.5 L/m (4 Star WELS) 	v5 Water Calculator	
EF4: Energy Use	Prescriptive requirements as per v4.1 - no set score to achieve under v5	N/A, v4.1 related credits do not explicitly reference Energy Use.	<ol style="list-style-type: none"> 1. All: ECCHO 2. 3LWU & Apartments: Dynamic thermal modelling in accordance with TM59. 	
HC1: Winter Comfort		<ol style="list-style-type: none"> 1. Thermal performance is in accordance with H1 Fifth Edition Schedule Method (or equivalent level of performance), refer to Practice Note PN-001 for more information 2. Demonstrate that the main living space has an adequately sized fixed heating system, which complies with the Healthy Homes Heating Standard requirements, using the Kāinga Ora Whole-of-House Heating Calculator 		
HC2: Summer Comfort		<ol style="list-style-type: none"> 1. Openable area of windows in dwelling at least 5% of conditioned space 2. At least 30% of openable windows must be on adjacent/ opposite facades or different floors 3. 100mm restrictor stays installed on all openable windows accessible to intruders 		
HC3: Ventilation		<ol style="list-style-type: none"> 1. Healthy Homes Standard (HHS)compliant dedicated Range Hood for the cooking hob vented to outside 2. HHS compliant dedicated bathroom extract system vented to outside. Include delayed timer to ensure effective moisture removal 3. Net opening windows 5% of floor area (at least one in each room) OR: 4. HHS compliant constant mechanical ventilation		Kāinga Ora Cooling & Ventilation Calculator
HC4: Moisture Control		<ol style="list-style-type: none"> 1. Timber frame building with no concrete or steel penetration through insulation layer OR building is externally insulated, with thermal bridging minimised 2. Ground cover for suspended floor or DPC in slab. 		N/A
HC5: Natural Lighting	3	Window areas in external walls are no less than: <ol style="list-style-type: none"> 1. 15% of the floor areas for living areas and bedrooms where the windows are not significantly shaded. 2. 20% of the floor areas for living areas and bedrooms where the windows are significantly shaded, e.g., by eaves, balconies, purpose designed shading, etc. 	v5 Daylight Calculator	

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HC7: Healthy Materials	2	1 point available for each of the following: 1. 80% of applied coatings by volume (l) within the interior of the dwelling meet the VOC limits as specified by a NZGBC recognised IAQ scheme or eco-label 2. 80% of floor coverings by area covered (m ²) within the interior of the dwelling meet the VOC limits as specified by a NZGBC recognised IAQ scheme or eco-label	N/A
LV1: Inclusive Design	3*	*Where applicable - the Statement of Performance Expectations requires 15% of new Kāinga Ora homes to fully comply with the Kāinga Ora Full Universal Design (FUD) requirements	iAuditor Full Universal Design Report
LV2: Occupant Amenities	1	Template for Home User Guide (HUG) provided to all new occupants, explaining the energy, water and waste strategies for the properties and providing information to ensure continuous maintenance and performance of those features	N/A
LV3: Eco-Friendly Living	2	0.5 points available for each of the following: 1. Main Entrance - Well-defined and well-labelled main entrance with the house number clearly visible from the road entrance 2. Street surveillance - One living room or kitchen window or glass door is clearly visible from the road 3. Defensible Boundary - The dwelling and property boundary is clearly defined between public and private areas to create a defensible space for the home occupier 4. Security Lighting - All exterior lights are LED lamp type with motion sensors and daylight cut off. For all apartments CPTED report from a professional is required	N/A
EN3: Sustainable Materials	7.5	1.5 points available for each of the following: At least 50% of the following material groups is reused, eco-preferred or responsibly sourced 1. Interior plasterboard and fibre cement lining (wall and ceiling) 2. Insulation (soft insulation including thermal and acoustic and rigid insulation such as XPS and EPS) 3. Floor covering (e.g. carpet, linoleum, floor tiles) 4. Applied coatings (internal and external applications, whether exposed or concealed, but only that which is applied within the site boundary or in a prefabrication yard) 5. Roof cladding (e.g. long run steel roofing, shingle roofing, etc.)	N/A
EN4: Construction Waste Minimisation	2.5	Contractor will be required to complete and implement: · Generate less than 25kg/m ² (GFA) of waste during the construction phase of the project (1 point) · A Site Waste Minimisation Plan (SWMP) as per REBRI guidelines. (required) · A minimum of three waste streams on site (0.5 points) · 50-69% of the total waste generated is reused and/or recycled and/or recovered for the whole	N/A

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		construction/refurbishment project (off-site waste sorting is accepted) (1 point)	
EN6: Responsible Contracting	0.75	1. A contractor on site holds an accreditation recognised by the NZGBC (0.25 points) 2. An Environmental Management Plan (EMP) is in place for the construction or renovation works in accordance with the Homestar template (0.5 points)	N/A
IN1: Innovation	1	100% of the development is social housing units. Note - can't be claimed if project is mixed-use or mixed tenure.	N/A

N.B. EF2: Urban Density, HC6: Acoustic Performance, LV4: Sustainable Transport, EN1: Renewable Energy; EN2: Embodied Carbon and EN5: Water Sensitive Design & Ecology do not have any targeted points & won't be reported on