

Category	NAHB/NGBS Requirements	Hanson Solution		Points
		Clay & Concrete Brick	Concrete Roof Tile	
505. Innovative Practice	<ul style="list-style-type: none"> • 505.2 Heat Island Mitigation 		<ul style="list-style-type: none"> • Roof Tile offers products with SRI > 29 	4
601. Reduce Quantity of Material and Waste	<ul style="list-style-type: none"> • 601.2. Structural systems that optimize material usage • 601.3. Minimize material cuts 	<ul style="list-style-type: none"> • Pier and Panel foundation systems • Being small and modular in nature, clay and concrete brick is less prone to waste • Clay and concrete brick do not require any other finish 	<ul style="list-style-type: none"> • Being small and modular in nature, roof tiles are less prone to waste • Roof tiles do not require any other finish 	3
	<ul style="list-style-type: none"> • 601.6. Use building material that requires no additional finish 			7
	<ul style="list-style-type: none"> • 602.8. Use termite resistant materials for walls • 602.9. Provide drainage plane system behind exterior veneer • 602.12. Flashing installed in roofs and wall • 602.13. 90% of roof has Energy Star products 	<ul style="list-style-type: none"> • Clay and concrete brick is resistant to termites and other pests • Masonry veneer wall system includes a drainage plane • Flashing is always present in well design masonry 	<ul style="list-style-type: none"> • Roof Tile offers products with SRI > 29 	7 2** 6 3
604. Recycled Content material	<ul style="list-style-type: none"> • 604.1. Use recycled content building material 	<ul style="list-style-type: none"> • Some clay and concrete brick and roof tiles contain recycled material. Contact your local sales representative for details 		4
605. Recycle Waste Material	<ul style="list-style-type: none"> • 605.2. Use grinder and apply material onsite 	<ul style="list-style-type: none"> • Clay and concrete brick and roof tiles can be ground up on site and used as landscaping fill 		7
607. Resource-Efficient Materials	<ul style="list-style-type: none"> • 607.1. Use products that contain fewer resources than traditional products like hollow brick 	<ul style="list-style-type: none"> • Hollow clay brick complying with C652 is available from most Hanson plants 		3
608. Indigenous Materials	<ul style="list-style-type: none"> • 608.1. Locally available indigenous materials. Source material from within 300 miles if shipped by road or 1000 miles if shipped by rail 	<ul style="list-style-type: none"> • Because of the geographical spread of Hanson plants, most projects are within 300 miles of a brick or roof tile plant. Use the Plant Locator Tool on the Hanson websites: www.hansonbrick.com or www.hansonrooftile.com 		3
609. Life Cycle Analysis (LCA)	<ul style="list-style-type: none"> • 609.1. LCA compares environmental impact of materials 	<ul style="list-style-type: none"> • Low maintenance and durability of masonry and roof tiles ensure favorable LCA 		3
703.1. Building Envelope	<ul style="list-style-type: none"> • 703.1.3. Exterior wall is massive 	<ul style="list-style-type: none"> • Brick veneer is ≥ 3" 		4* 3*
704.3.1.3. Passive Cooling Design	<ul style="list-style-type: none"> • (4) Solar reflective roof in Zones 1, 2, or 3 • (5) Internal exposed thermal mass consisting of brick • (6) Roofing material installed with ¾" continuous air space 	<ul style="list-style-type: none"> • More than 75% of above grade exterior wall is massive • Brick ≥ 3" provides thermal mass within the interior 	<ul style="list-style-type: none"> • Roof tiles offer product with SRI>29 • Concrete roof tiles are installed with ¾" continuous air space 	3
901.2. Fireplaces	<ul style="list-style-type: none"> • Wood-burning masonry fireplace with gasketed door, outside air and chimney top damper (10(e). Masonry heaters complying to ASTM E1602 	<ul style="list-style-type: none"> • Brick used for masonry fireplaces 		1
		<ul style="list-style-type: none"> • Brick used for masonry heaters 		6

* 4 points for Zones 1, 2, 3, 4 except marine & 5 dry. 3 points for Zones 4 marine, 5 except dry & 6

** Points only apply to additions on renovation of claddings