

## Amendment for GRIHA v.2015 & GRIHA v.2019

### Alternative option for SHGC requirements in retail typology only.

Projects may opt to select the revised SHGC limits for retail typology with updated appraisal requirements as defined below for GRIHA v.2015 & GRIHA v.2019 projects as an alternative option to the defined SHGC requirements of GRIHA v.2015 & GRIHA v.2019 rating.

**Table 10.2c: Maximum SHGC for vertical fenestration for different climate zones (GRIHA v.2019)**

Orientation of Fenestration		Composite	Hot and Dry	Warm and Humid	Temperate/ Moderate	Cold
Maximum SHGC Non-North*		0.5	0.5	0.5	0.5	0.62
Maximum SHGC	North For latitude $\geq$ 15°N	0.65	0.65	0.65	0.65	0.62
	For latitude < 15°N*	0.55	0.55	0.55	0.55	0.62

### Revised appraisal requirement for GRIHA v.2015

**8.1.2: Peak heat gain through building envelope (for each AC building individually) should meet the GRIHA Building Envelope Peak Heat Gain Factor thresholds – 2 points**

Climate Zone	Composite	Hot and Dry	Warm and Humid	Temperate/ Moderate	Cold
Peak heat gain (W/m <sup>2</sup> )	30	30	25	25	25

**8.1.5: Additional reduction in EPI will be awarded points as mentioned below:**

Reduction from GRIHA EPI Benchmark	Points
15%	2
30%	3
45%	5
60%	7
75%	10

## Revised appraisal requirement for GRIHA v.2019

TABLE 7.1c: Threshold for peak heat gain (W/m<sup>2</sup>) for different building typologies

Climate Zone	Composite	Hot and Dry	Warm and Humid	Temperate/ Moderate	Cold
<b>Peak heat gain (W/m<sup>2</sup>)</b>	25	25	20	20	20

TABLE 7.3c: Additional reduction from GRIHA benchmark for EPI Reduction from GRIHA Benchmark

Reduction from GRIHA Benchmark for EPI (x)	Points
$0\% \leq x < 10\%$	<b>Mandatory</b>
$10\% \leq x < 25\%$	1
$25\% \leq x < 40\%$	2
$40\% \leq x < 55\%$	4
$55\% \leq x < 70\%$	6
$x \geq 70\%$	8