

Subject: Colour code for level marking.

To simplify and standardize marking of levels, the following procedure to be followed across all sites.

1. At the start of the project mark a benchmark level near the gate of the project. The benchmark should typically be the height at centre of road in front of the main gate of the project. That level should be 100ft. Preferably mark it on a specially casted RCC column for the said purpose.
2. Typically make a marking in integral numbers – 2 to 3ft above natural ground level (Eg.: at the gate mark a level of 102 or 103ft).
3. Transfer the levels using auto leveler at 3 or 4 places in different corners of the site. After marking levels cross check the levels by placing the auto leveler at 2 other locations. Verify the levels late in the evening using line lazer.
4. These reference levels should be marked either on a RCC column or on a permanent structure like compound wall, villa, block. For marking plaster an area of 1ft x 1ft. mark a box, a centre line and triangle to indicate marking. Clearly, write the level in ft. Alternately, use aluminum stencil for marking these levels (make requisition for stencil).
5. A new colour code to be implemented for marking of different levels. One colour should be used for one level throughout the site as under:

Sl No	Colour	Projects with apartments	Projects with villas
	White	Road level at side of road opposite gate of project + 2ft i.e., $100 + 2 = 102$ ft	Road level at side of road opposite gate of project + 2ft i.e., $100 + 2 = 102$ ft
	Red	First floor slab + 2ft – Eg.: $103 + 2 = 105$ ft	108 ft.
	Orange	Drive way level – Eg.: $101 + 2 = 103$ ft	105 ft.
	Green	Upper basement + 7ft – Eg.: $91 + 7 = 98$ ft.	99 ft.
	Blue	Upper basement FFL + 2ft – Eg. $91 + 2 = 93$ ft.	96 ft.
	Purple	Lower basement + 7ft – Eg.: $81 + 7 = 88$ ft.	93 ft.
	Brown	Lower basement FFL + 2ft – Eg. $81 + 2 = 83$ ft.	90 ft.
	Yellow	Only use for temporary markings at site or other levels	
	Black	Only use for rock cutting marking	

6. Typically use ½” brush and 200/500ml enamel paint.
7. Do not confuse these colours with red, blue and other oxide colours used for marking of FFL inside /outside villas/flats or gridline marking for rocks. DO NOT USE enamel for these purposes. Accuracy for FFL marking cannot be achieved with enamel paint.

8. Each site shall make an approved list of colours& levels which may be based on requirement for each site. The levels for some projects are finalized as under:

Sl. No	Colour	SOV levels	AGH levels	GMR levels	MPL levels	GHT levels
	White	102 ft	102 ft	102 ft	102 ft	102 ft
	Red	108 ft.	108 ft.	118 ft.	105 ft.	110 ft.
	Orange	105 ft.	105 ft.	115 ft.	102 ft.	107 ft.
	Green	99 ft.	99 ft.	108 ft.	97ft.	102 ft.
	Blue	96 ft.	96 ft.	103 ft.	92 ft.	97 ft.
	Purple	93 ft.	93 ft.	96 ft.	87 ft.	92 ft.
	Brown	90 ft.	90 ft.	90 ft.	82 ft.	87 ft.

9. The above levels to be cross verified and separately approved for each project. Existing levels to be painted over and remarked. Make level marking at as many points as required around the site with line laser after marking a few reference points.

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