

## Technical Specification of Precast Concrete Kerbs

Product : Bullnose (300x200x350)mm  
 Half Battred (300x200x350)mm  
 Half Battred (300x165x325)mm  
 Half Battred (250x200x380)mm

S.No.	Description	Asian Concreto				Standard References
						Nepal Standard 594:2077
1	<b>Dimension of Specimen</b>					
	Length mm	300	300	300	250	Maximum 1000
	Width mm	200	200	165	200	As per Actual
	Height mm	350	350	325	380	As per Actual
	Thickness of Wearing Layer mm	> 8	> 8	> 8	> 8	4 to 12.5
2	<b>Dimension Tolerance</b>					
	Length mm	± 1mm	± 1mm	± 1mm	± 1mm	± 3mm
	Width mm	± 1mm	± 1mm	± 1mm	± 1mm	± 1.5mm
	Height mm	± 1mm	± 1mm	± 1mm	± 1mm	± 3mm
3	<b>Area of Kerbstone</b>					
	cm <sup>2</sup>	600	600	495	500	As per Actual
4	<b>Volume of Specimen</b>					
	cm <sup>3</sup>	21000	21000	1608.7	19000	As per Actual
5	<b>Minimum Compressive Strength N/mm<sup>2</sup></b>					
	28 Days	≥ 20	≥ 20	≥ 20	≥ 20	Minimum 20 N/mm <sup>2</sup>
6	<b>Water Absorption</b>					
	(%)	< 6%	< 6%	< 6%	< 6%	Maximum 8%
7	<b>Dry Density</b>					
	kg/m <sup>3</sup>	2250	2250	2250	2250	2250 kg/m <sup>3</sup> , ± 50 kg/m <sup>3</sup>
8	<b>Lable and Marking</b>					
	Concrete kerbstone package shall be marked with the following information suitably:					
	a) Identification of the manufacturer,					
	b) Grade of kerbstones, and					
	c) Date of manufacture.					
	Note: The product should be adequately packed to identify above and also ensure products from manufacturer facility to the buyer facility during loading transport, unloading do not suffer any physical damage including chipping, cracking, deform or any other damage from actual product specifications					