



**C1, Private Industrial Estate,
Pollachi Main Road,
Coimbatore-641021**

**Contact:
+91 9080759716
+91 8754928514**

Ceramic Intalox Saddle:

Category	Parameter	Specification / Value
2. Chemical Composition (Ceramic)	SiO ₂	65% – 75%
	Al ₂ O ₃	20% – 30%
	Fe ₂ O ₃ + TiO ₂	1% – 3%
	K ₂ O + Na ₂ O	2% – 4%
	CaO + MgO	0.5% – 1.5%
3. Physical Properties	Water Absorption	< 1% (as per IS 7087)
	Resistance to Acid	> 99.5% by mass

Size	D	H	R1	T	No. of pieces per M ³ ±10%	Wt. per M ³ in Kgs ±10%	Surface area M ² /M ³ ±10%	% Free space
20mm	18 ± 1	13 ± 1	5 ± 0.5	2.5 ± 0.5	151140	670	239	71
25mm	24 ± 1	17 ± 1	7.5 ± 0.5	3.5 ± 0.5	68306	750	199	72
35mm	35 ± 1.6	25.5 ± 1.5	11 ± 1.25	5.0 ± 0.5	22000	625	140	75
40mm	40 ± 2	30 ± 1.5	14 ± 1.25	5.0 ± 0.5	15500	629	120	76
50mm	50 ± 3	34 ± 1.5	15 ± 1.5	6 ± 1	9355	560	107	73
75mm	75 ± 3	50 ± 3	35 ± 3	5 ± 2	2750	600	75	70

We also manufacture 6mm, 10, 12mm, 15mm, 63mm and 80mm saddles