

EcoSTRUCTURES

FLY ASH BRICKS AND PAVERS

FLY ASH BRICKS



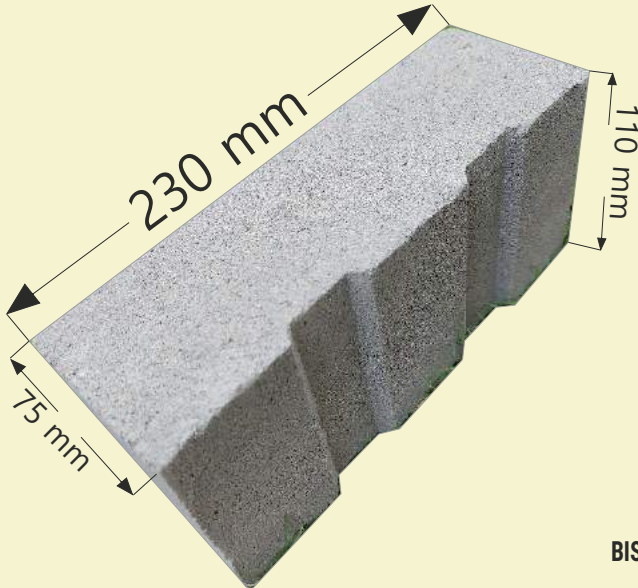
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Shukla Colony,
Hinoo, Ranchi - 834002

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Comparison of Red Bricks and Fly Ash Bricks

Properties	Red Bricks/Clay Bricks	Fly Ash Bricks	Remarks
Density	1600-1750 kg/m ³	1650-1700 kg/m ³	Higher load bearing
Compressive strength	30-35 kg/cm ²	90-100 kg/cm ²	Higher load bearing
Absorption	12-20%	08-14%	Less absorption
Dimensional stability	Low	High	Saving in mortar up to 15-20%
Wastage during transit	Up to 10%	Less than 2%	Saving in cost up to 8%
Plastering	Thickness vary on the both sides of wall	Even on both sides	Saving in plaster up to 15%



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