

Green Number of ZEO[®] Box

		Current	Alternative
Description		● Single Wall (3 layers), C flute Normal box	● Single Wall (3 layers), C flute ZEO box
Dimension	Length (cm)	53.34	53.34
	Breadth (cm)	35.56	35.56
	Height (cm)	26.67	26.67
Paper weight (g/m2)	Outer liner	230	200
	Corrugated medium		
	Medium liner		
	Corrugated medium (C flute)	145	100
	Inner liner	230	150
Total paper weight of 1 m2 cardboard (kg/m2)		0.6742	0.498
Cost per m2 in USD		0.56	0.54
Area for box weight calculation (m2)		1.1	1.1
Total Weight per box (kg/box)		0.746	0.551
Cardboard Surface Area for box cost calculation (m2)		1.124	1.124
Cost Per Box (USD/BOX)		0.63	0.61
Cost Saving per 100,000 boxes (USD)		-	2247.86
Paper saved per box (kg/box)		-	0.195
Paper saving rate (%)		-	26.2
Trees saved for boxes of: 100,000		-	332
CO2 emissions per year based on WMT scorecards (ton)		107.66	80.49
CO2 reduced (ton)		-	27.17



Note 1: 1 ton paper saved is equal to 17 mature trees saved. 1 mature tree removes 11 kg CO₂/year from the air.