

1	Activities (CO2/ Decking)	Unit	Calculation	Carbon Offset	Carbon Footprint	Statement	Resource
2	1 Decking = 1.776448307 Trees	Kg		355.2896614		5 trees offset 1 tonne of carbon over their lifetime	https://treesforlife.org.au/vf-carbon
3	1 Decking = 2.7 Kg HDPE Recycled Plastic Waste	Kg			7.02	Toni continues by explaining that "Typical fossil plastics have a global warming potential of between 1.7 and 3.5 kg of CO2, depending on the type of plastic. This means that for every kilogram of fossil-based plastics produced, there is between 1.7 and 3.5 kilograms of carbon dioxide released."	https://woodify.com/carbon_neutrality/what-is-the-carbon-footprint-of-plastic/
4	1 Decking = 5.4 Kg Husk					The emissions of CO2 from combustion of rice husk are considered zero since they do not contribute to global warming. Overall, the study indicates that rice husk has a high potential for use as a feedstock for electricity production as it performs better than fossil fuels in terms of environmental emissions.	
5	rice husk combustion carbon footprint Machine (105 Kwh)	KG		43.817025		organic combustion	
		Upph Per Hour 11.6		3.75		This equaled about 0.92 (0.417 kg) pounds of CO2 emissions per kWh	https://www.eia.gov/tools/factsheets.php?id=7484e-11
		Per Year Produced - 101,703 unit		101703			
	Pollution Polymer	KG	0.7 gr CO2 / gr plastic		1.89		https://el.cib.edu.in/1079666598/34
	1.5	HPC	Taratink	Carbon offset	348.7436614	Kg	
	2.4		8	3.6 tonal			
	11625		310	60 panjang			
	30000		2.5	10 tinggi			
	2.580645161		15	50 lebar			
	3.870967742			600	2592		
				480000	1080		
Conversion				Carbon Offset (KG)	Carbon Footprint (KG)	Research	Resource
1 Decking	=	1.78	Regular Standard Trees	355.2896614		5 trees offset 1 tonne of carbon over their lifetime	https://treesforlife.org.au/vf-carbon
	=	2.4	Kg Plastic Waste Recycled	6.24		every kilogram of fossil-based plastic produced, there is between 1.7 and 3.5 kilograms of carbon dioxide released.	https://woodify.com/carbon_neutrality/what-is-the-carbon-footprint-of-plastic/
	=	4.8	Kg Husk Waste Recycled	0.96		the carbon footprint associated with the combustion of husk is estimated to be around 0.2 kilograms of carbon dioxide equivalent (kg CO2e) per kilogram of husk burned	https://www.researchgate.net/publication/2251285503_Greenhouse_gas_emission_mitigation_potential_of_rice_husks_for_An_Giang_province_Vietnam
	=	15	Kwh (Machine) [Counted with current old machine] Unit Produced per Hour = 3.75 Decking		1.7	This equaled about 0.92 (0.417 kg) pounds of CO2 emissions per kWh	https://www.eia.gov/tools/factsheets.php?id=7484e-11
				360.7896614			