

**An Example on
Standard Form for the Estimation of Construction Waste
Generated from the Construction of New Building**

Project: _____
Date: _____ **Recorded by:** _____
GFA (m²): _____
Total Contract Sum (Builder's work only): _____

		BQ Ttl Qty	% comp-leted	Assumed thickness (m)	Materials Required		Wastage Level	Mixed Construction Waste (m ³)		
					Granular (m ³)	Timber (m ²)		Granular	Package	Timber
Sub-structure	Concrete			-		-	4%		-	-
	Formwork			0.025				-	-	
	Excavation			-					-	
	Backfilling			-		-			-	
Structure	Concrete			-		-	4%		-	-
	Formwork			0.025				-	-	
	Block wall			0.210			10%			-
	Proprietary door							-		
	Others									
Internal finishing	Floor screeding			0.025		-	15%			-
	Floor tiles			0.010		-	15%			-
	Wall screeding			0.025		-	15%			-
	Wall plastering			0.015		-	15%			-
	Wall tiles			0.010		-	15%			-
	Ceiling plastering			0.025		-	15%			-
	Others									
External finishing	Wall screeding			0.025		-	15%			-
	Wall tiles			0.010		-	15%			-
	Roof screeding			0.025		-	15%			-
	Roof Tiles			0.015		-	15%			-
	Others									
				Total Volume						
							Volume per GFA Volume per \$Mn			

(Builder's Works only)

Notes:

1. Timber required for formworks = Area of timber formworks in BQ x 0.025m (thickness) / 12 (assumed number of reuse)
Steel prop is recommended to support formworks, and the materials should be recycled after use.
2. Volume of packaging materials equals to 5% of the construction materials that required packaging.
3. Materials required for the wet trades which are measured in super equal to the quantities in the BQ multiply by the assumed thickness.

(Source: Cheung, 1993)