

Website link and QR code below

BCA Carbon Calculator

🕒 5 mins estimated time to complete

START

[Read Instructions](#) ⌵



go.gov.sg/cc

Instructions

You will need to key in the following details as part of the materials declaration for the embodied carbon section in Green Mark. Please take a screenshot for Green Mark assessments.

1. Green Mark Reference No.

Key in the GM reference no.

2. Name of Project

Please fill in below

Fill in the name of the project

3. Expected Date of Green Mark Assessment

Please fill in below

Fill in the expected date of Green Mark Assessment

4. New / Existing Building

Please select from the list below.

Indicate whether this is a new or existing building

5. Building Type

Please select from the list below.

Select the Building Type:

- (a) Commercial
- (b) Industrial
- (c) Infrastructure
- (d) Institution
- (e) Mixed Residential
- (f) Others

6. Total GFA (m2)

Please key in the value.

Key in the total GFA

7. Concrete Usage Intensity (m3/m2) (optional)

Please key in the value. The formula is total concrete volume / total constructed floor area

Key in the CUI value (optional)

Select the Concrete Component

- (a) Admixture
- (b) Cement: Fly Ash
- (c) Cement: GGBS
- (d) Cement: Limestones
- (e) Cement: Limestones Fines
- (f) Cement: OPC
- (g) Coarse Aggregates: Granite
- (h) Coarse Aggregates: RCA
- (i) Fine Aggregates: Sand
- (j) Fine Aggregates: WCS
- (k) Water

8. Concrete Components

Please select the fill and add the quantities. You may add more rows if required.

Type of Concrete Component	Quantity (kg)
<input type="text"/>	<input type="text"/>

Fill in the quantity in kg

+ ADD MORE

(1 out of max 11 rows)

Add more rows if required

9. Natural Concrete

Please select the fill and add the quantities. You may add more rows if required.

Select the Concrete Grade:

- (a) Grade 20
- (b) Grade 25
- (c) Grade 30
- (d) Grade 35
- (e) Grade 40
- (f) Grade 50
- (g) Grade 80
- (h) Grade 100

Concrete Grade	Quantity (kg)
<input type="text"/>	<input type="text"/>

Fill in the quantity in kg

+ ADD MORE

Add more rows if required

(1 out of max 11 rows)

10. Green / Eco Concrete

Please select the fill and add the quantities. You may add more rows if required.

Select either:

- (a) Green / Eco Concrete Grade
- (b) GGBS/Fly Ash Replacement
- (c) Precast / Eco Concrete

Green / Eco Concrete Grade (optional)	GGBS/ Fly Ash Replacement (optional)	Precast / Eco Concrete (optional)	Quantity (kg) (optional)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Fill in the quantity in kg

+ ADD MORE

Add more rows if required

(1 out of max 11 rows)

11. Steel

Please select the fill and add the quantities. You may add more rows if required.

Select the Steel Type:
(a) Primary Steel
(b) Recycled Steel

Types of Steel	Quantity (kg)
<input type="text"/>	<input type="text"/>

Fill in the quantity in kg

+ ADD MORE

Add more rows if required

(1 out of max 2 rows)

12. Glass

Please select the fill and add the quantities. You may add more rows if required.

Select the Glass Type:
(a) Fibre Glass
(b) Laminated Glass
(c) Recycled Glass
(d) Tempered or Toughened Glass

Type of Glass	Quantity (kg)
<input type="text"/>	<input type="text"/>

Fill in the quantity in kg

+ ADD MORE

Add more rows if required

(1 out of max 11 rows)

13. Others

Please select the fill and add the quantities. You may add more rows if required.

Type of Material (optional)

Quantity (kg) (optional)

<input type="text"/>	<input type="text"/>
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Fill in the quantity in kg

Select the other type of material:
 (a) Aluminium
 (b) Bricks
 (c) Paint
 (d) Tiles
 (e) Timber

+ ADD MORE

Add more rows if required

(1 out of max 11 rows)

14. Additional Materials

Please select the fill and add the quantities. You may add more rows if required. This section may be filled in if the material is not listed elsewhere in the form.

Name of Material (optional)

Quantity (kg) (optional)

<input type="text"/>	<input type="text"/>
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Fill in the quantity in kg

If the material is not listed in this form, please fill up this section

+ ADD MORE

Add more rows if required

(1 out of max 11 rows)

15. Name, Designation and Company

Please fill in your details below.

Enter your name, designation and company details

16. Declaration

Please acknowledge and check that all the inputs are keyed in are accurate.

Acknowledge that the details are correct. Please take a screenshot of the details submitted.

I hereby confirm that the information provided herein is accurate, correct and complete. I will need to print or screenshot this input page and the confirmation page as PDF for Green Mark assessment.

Ensure all details are correct before submitting.

SUBMIT

Please upload your supporting documents in a zip file in our [Green Mark Online](#) under section 3.2c

Guide Created By:

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