

Magento 2 Extension

(Version 1.0.0)



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Introduction to Box Calculator

Magento Box Calculator extension from DCKAP helps you to sell products in area while allowing customers to enter their required measurement. Once the customer enters the measurement this extension automatically calculates the required number of product quantity/ boxes and their total price for checkout. For example a tile measurement size can be set as 2.5 meter, once a customer enters its measurement as 10 meter the box calculator extension will update the quantity as 4 boxes & their price as well.

Version & Compatibility Support

Version:

1.0.0 Stable

Compatibility:

This extension is compatible from Magento Community 2.1.x, 2.2.x and Magento Enterprise 2.1.x, 2.2.x to the latest versions.

Features

- Enable/Disable the Box Calculator at any time from Magento backend.
- Customer can easily purchase the quantity of Box products without the effort of manual calculation.
- Customer can get the calculated price dynamically.



- Ability to allow customer to enter the measurements in both meters and feet.
- Ability to enable Box Calculator for each product in Magento Backend.
- Compatible with both Simple products and Configurable Products.

How to Install This Module?

Step 1: Download the extension from My Downloadable Products in your account from our store or download the package from Magento Marketplace.

Step 2: Create a directory `app\code\DCKAP\BoxCalculator` in your Magento root directory and unzip here.

Step 3: Disable the cache to avoid flushing the cache, very often. It may affect performance for a while. However, you can skip this step. If you do so, clean the cache manually whenever needed.

php bin/magento cache:disable

Step 4: Enter the following at the command line to enable the module.

php bin/magento module:enable DCKAP_BoxCalculator

Step 5: Enter the following at the command line to run the setup scripts.

php bin/magento setup:upgrade



Step 6: Enter the following at the command line if the mode is set to default or production to deploy all the static files.

php bin/magento setup:static-content:deploy

Step 7: Clear the cache to configure the settings in backend (if you skipped Step3)

php bin/magento cache:clean

Step 8: Login to Magento backend and navigate to **Store > Configuration > DCKAP > Box Calculator** and configure the module.

Step 9: Clear the cache to apply all the configurations (if you skipped Step3)

php bin/magento cache:clean

Step 10: Enable the cache once everything is done. Ignore, if you skip Step3.

php bin/magento cache:enable

That's it. You are done. If you still face any issues while installing, contact us at extensions@dckap.com



Module Configuration

To enable the extension, go to **STORE > Configuration** and from left side menu navigate to **DCKAP > Box Calculator**.

General

Enabled
[store view]

- Select **Enabled** to Yes for enabling the module.

Product Configuration

- Find the **Box Calculator Information** under each product configuration.

Box Calculator Information

Allow Box Calculator
[global] No

Pack Size (in m2)
[global]

Pack Size in m2

Plank / Tile Size
[global]

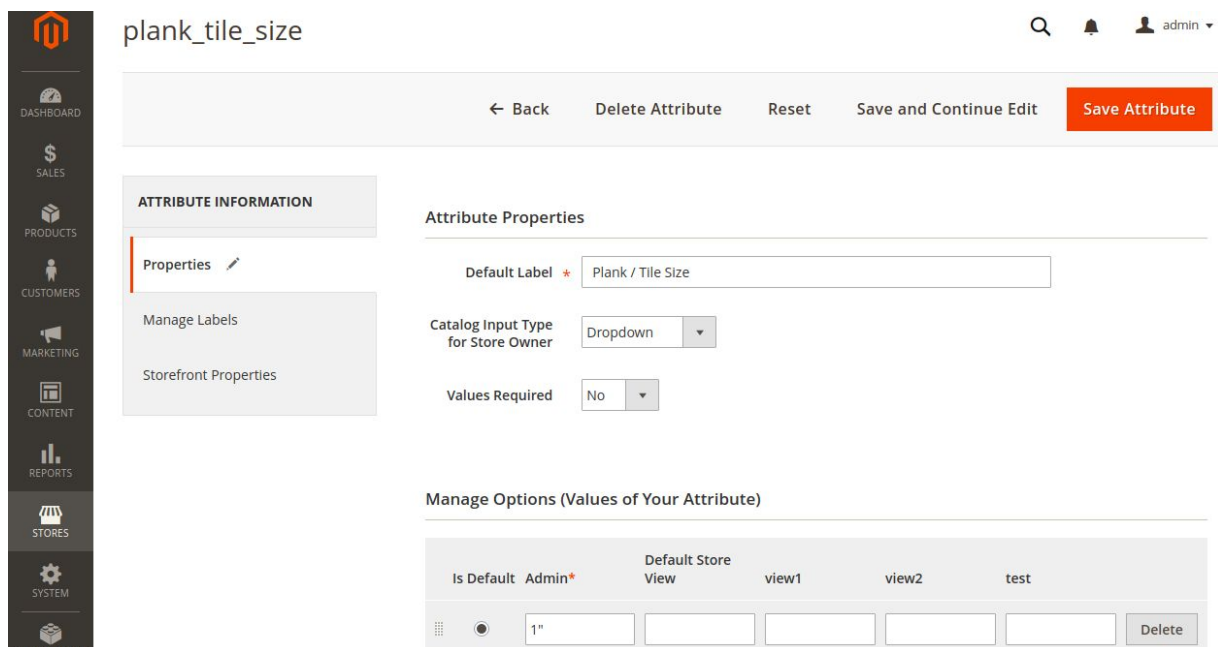
Plank / Tile Size



- Select **Allow Box Calculator** to Yes for enabling the module for the particular product.
- Enter the unit size of the product/pack.
- Choose the Plank/ Title Size (for Configurable Products).

Plank/ Tile Size Configuration

- Go to **Stores** > Attributes > **Product** and you can find a attribute labeled “Plan/ Tile Size” with attribute code “plank_tile_size”.
- Configure the attribute as per the characteristics of your product.



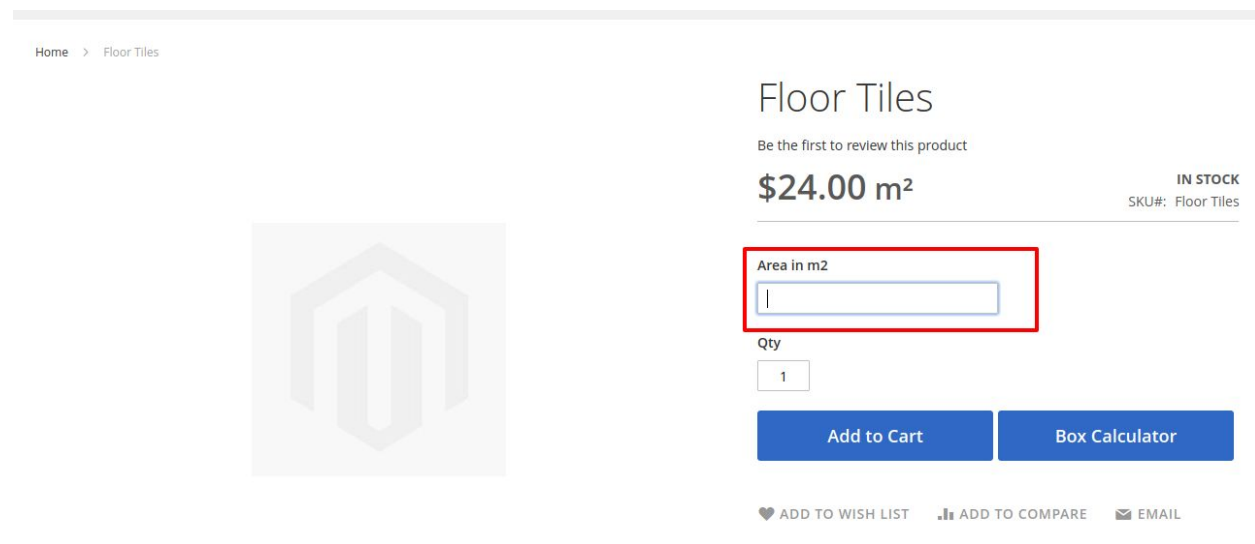
The screenshot shows the configuration page for the attribute 'plank_tile_size'. The interface includes a sidebar with navigation options like Dashboard, Sales, Products, Customers, Marketing, Content, Reports, Stores, and System. The main content area has a breadcrumb trail and action buttons (Back, Delete Attribute, Reset, Save and Continue Edit, Save Attribute). Under 'ATTRIBUTE INFORMATION', the 'Properties' tab is active, showing 'Attribute Properties' with fields for 'Default Label' (Plank / Tile Size), 'Catalog Input Type for Store Owner' (Dropdown), and 'Values Required' (No). Below this is the 'Manage Options (Values of Your Attribute)' section, which contains a table with columns for 'Is Default', 'Admin*', 'Default Store View', and three view columns (view1, view2, test). The first row shows '1"' as the value for the first view, with a 'Delete' button next to it.



- Now the attributes are listed under **Box Calculator Information** in Product Configuration page.
- **Note:** For Configurable product, enable box calculator for parent product and set the attribute properties for individual child products (Simple products). You can also enable/disable box calculator for each Simple product.

Box Calculator

The Box Calculator Extension is displayed as follows in the “Product Detail Page” in Magento Frontend.



The screenshot shows a product detail page for "Floor Tiles". The breadcrumb navigation is "Home > Floor Tiles". The product title is "Floor Tiles" with a subtext "Be the first to review this product". The price is "\$24.00 m²". The stock status is "IN STOCK" with "SKU#: Floor Tiles". A red box highlights the "Area in m2" input field. Below it is a "Qty" field with the value "1". There are two buttons: "Add to Cart" and "Box Calculator". At the bottom, there are three icons: a heart for "ADD TO WISH LIST", a scale for "ADD TO COMPARE", and an envelope for "EMAIL".

On entering the **Area** required to fill the Tile, the number of products required and the total price is calculated dynamically and appears as follows.



Home > Floor Tiles

Floor Tiles

Be the first to review this product

\$24.00 m²

IN STOCK
SKU#: Floor Tiles



Area in m2

You require 121 packs (302.50 m²)

\$7,260.00

Qty

Add to Cart

Box Calculator

♥ ADD TO WISH LIST . ADD TO COMPARE ✉ EMAIL

The customers are also allowed to enter the measurement in other dimensions through a popup that appears on clicking the **Box Calculator** button.



Home > Floor Tiles

Floor Tiles

Be the first to review this product

\$24.00 m²

IN STOCK
SKU#: Floor Tiles



Area in m2

Qty

Add to Cart

Box Calculator

ADD TO WISH LIST

ADD TO COMPARE

EMAIL

Floor Tiles

Be the first to review this product

m²

IN STOCK
SKU#: Floor Tiles

Area in m2:

Qty:

Add to Cart | **Box Calculator**

ADD TO WISH LIST | ADD TO COMPARE | EMAIL

CALCULATE PACKS NEEDED

metres feet

x

Calculate

Total area:	301.93m ²
Packs needed:	121
Which cover the area of:	302.50m ²

Total: **\$7,260.00**

Add to Cart

Product FAQ | More Information | Reviews



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