

Pricing Formulas

Pricing formulas are written in JavaScript in the [pricing formula editor](#). A single formula can be shared by any number of products / modifications, for example, the Base Price formula is shared by basically every product on the site. A single product / modification can have any number of formulas linked to it.

Each formula has a Start Date and Expiration Date which are used to determine if this formula should be used when calculating a product price. For example, the Door Option Sum formula has a start date of 11/9/2022 and no expiration date, this means that a bid with a pricing date after 11/9/2022 will use this formula (see **Image 4**).

If no start date is set on a formula, all bids, regardless of the pricing date, will use the formula. If a bid's pricing date is old enough that no formulas apply, the built-in formulas will be used as a fallback.

Expiring a Price Formula

The expiration date is used to disable a pricing formula after a certain pricing date. As an example, the Door Panels V2 formula has a start date of 11/9/2022 and an expiration date of 12/6/2022, this means that this formula is only used by bids with a pricing date between those two dates. Any bids with a pricing date after 12/6/2022 will not use this formula. This feature is used to expire old pricing formulas and introduce new formulas.

[image.png](#)

Image 4. Door Panels V2, expired formula example.

Link Formulas to Products / Modifications

There are three ways to link price formulas to a product / modification:

- Global Formula Actions
 - In the pricing formula editor, you can use the actions column in the global formulas to add / remove modifications from the currently selected product / modification. This is useful when working on a single product.

[GlobalFormulas.gif](#)

Image 5. Add / remove formulas via global formula actions.

- Global Formula Multi-Select
 - In the pricing formula editor, you can select a single pricing formula to save to multiple products / modifications at once. Click on the formula in the global formulas,

then switch to the second tab to use the Multi-Select feature.

[image.png](#)

Image 6. Add / remove formulas via global formula multi-select.

- Database Admin
 - From the database admin on the product / modification editor page, you can use the [Price Formulas](#) to link to any existing pricing formula.

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