

# Asset Details-Components

2024-08-14

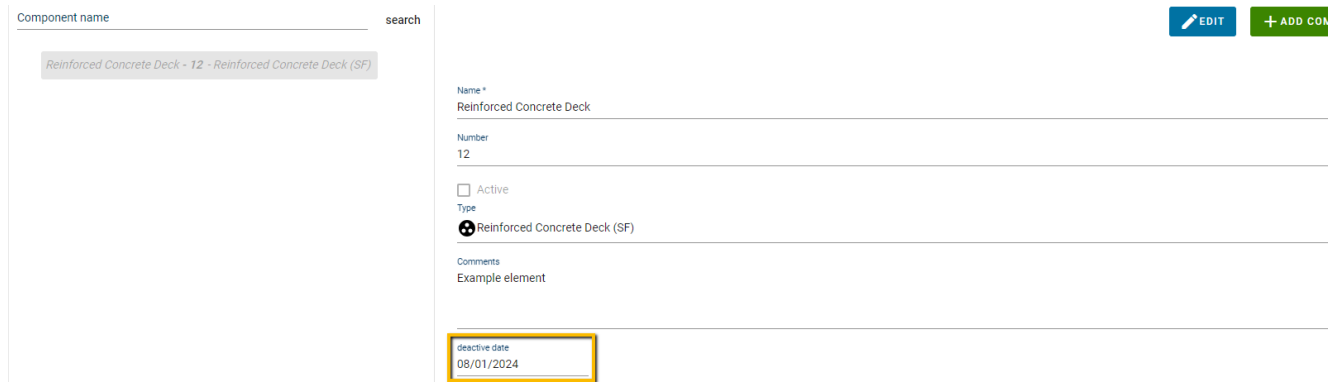
## In this article:

- [Consideration on key component fields](#)
  - [Deactivation date](#)
  - [ELI/NTI and OSIM unit field](#)
  - [ELI/NTI and OSIM quantity field](#)

## Consideration on key component fields

### Deactivation date

The deactivate date field can be used to deactivate a component after a certain date (please check with your project manager to see if this option is activated).



The screenshot shows the 'Component name' search bar with the result 'Reinforced Concrete Deck - 12 - Reinforced Concrete Deck (SF)'. To the right are 'EDIT' and '+ ADD COM' buttons. The form fields are: Name\* (Reinforced Concrete Deck), Number (12), Active checkbox (unchecked), Type (Reinforced Concrete Deck (SF)), and Comments (Example element). The 'deactivate date' field is highlighted with a yellow box and contains the value '08/01/2024'.

As a result, an archived component will show on inspection where the end date is before the deactivate date, and will be hidden for inspections after the deactivate date. Note that the date is not automatically set when you uncheck the **Active** checkbox because users sometimes make change after the start of an inspection.

The deactivate date is locked for active component and has no impact

### ELI/NTI and OSIM unit field

The unit field is used to represent the unit of measure for each applicable element. That unit will be show in the inspection rating screen for quantity-based inspections.

Component name  search

Reinforced Concrete Deck - 12 - Reinforced Concrete Deck (SF)

EDIT + ADD COMPONENTS

Name\*  
Reinforced Concrete Deck

Number  
12

Active

Type  
Reinforced Concrete Deck (SF)

Comments  
Example element

deactive date

Search attribute

Unit (\*)  
● SF: Square foot

Depending on your system configuration, the unit field could be locked and automatically filled in based on the component type you selected.

## ELI/NTI and OSIM quantity field

The quantity field represent the total component quantity. That quantity will be show in the inspection rating screen for quantity-based inspections. And will be used to automatically calculate CS1 or Excellent quantity.

Component name  search

Reinforced Concrete Deck - 12 - Reinforced Concrete Deck (SF)

EDIT + ADD COMPONENTS

Name\*  
Reinforced Concrete Deck

Number  
12

Active

Type  
Reinforced Concrete Deck (SF)

Comments  
Example element

deactive date

Search attribute

Unit (\*)  
● SF: Square foot

Element Total Quantity (\*)  
42

Because component quantity can change over time, there are different options that can be setup (please check with your project manager):

1. The quantity displayed in any inspection is always the current quantity of the element regardless of the historical changes
2. The quantity displayed in an inspection is based on the changes made over time:
  - a. When displaying the quantity for an inspection, the system will look for the closest previous quantity

change within the begin and end date of an inspection

- b. If no changes can be found then the current quantity is taken into account
  - c. A sub-option can be configured to 2.a and 2.b rules: If a user just changed a quantity, and there is an active inspection for the asset, and the date the change is made is after the end date of the inspection, the system can back date the change just before the end of the inspection so the quantity change will be reflected accordingly.
-