ZITHA TECH SPECIALTY CABLES (Pty) Ltd

How to change the color of a cable tray in CAD



Overview

How to Change Color of Cable Tray in Revit?

Changing the color of a cable tray in Revit requires a systematic approach to modify the appearance of the elem.

Key Takeaways

Cable tray colors in CAD can be changed using layers, object styles, or material assignments depending on whether you are using AutoCAD or Revit.In AutoCAD

In AutoCAD, cable trays are typically drawn on specific layers. To change their color:

• Use Layers: Assign each cable tray or type of tray to a separate layer. Open the Layer Properties Manager and select a color for each layer. All objects on that layer will adopt the chosen color .

• Object Properties: You can also select a cable tray and change its color directly in the Properties palette. This overrides the layer color for that specific object .

• Organize Components: For complex trays with multiple components (tray base, side rails, connectors), consider creating separate layers for each component to manage colors and visibility more effectively .
In Revit

Revit handles cable tray colors differently, using object styles and visibility settings:

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• Select the Cable Tray: Click on the cable tray in a 2D or 3D view to highlight it .

• Open Object Styles: Go to the 'Manage' tab, then select 'Object Styles'. Switch to the 'Model Objects' tab and locate the 'Cable Tray' category .

• Change Color: Click the color box next to 'Cable Tray' to open the color palette. Choose a new color or define a custom RGB/HEX value. This change applies to all cable trays in the project .

• Visibility/Graphics Overrides: For view-specific color changes, use the 'Visibility/Graphics' dialog (shortcut VG) to override colors for cable trays in a particular view .

• Export Considerations: If exporting to Navisworks, assign materials to cable trays or create selection sets, as Navisworks recognizes materials rather than Revit filters or system overrides .
Tips for Both Platforms
• Consistency: Use a consistent color scheme to represent different voltage levels, data types, or cable functions.

• Documentation: Maintain a legend in your drawings to indicate what each color represents.

• CAD Blocks: For AutoCAD, using pre-made cable tray CAD blocks can simplify color management and ensure accurate representation of different tray types . By following these methods, you can effectively differentiate cable trays visually in your CAD drawings and ensure that color distinctions are preserved when exporting to other software.

Article Content

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Currently in Revit, there is no material parameter in the cable tray type properties dialog. Use the Object Styles

Ep-131 # Cable tray & Trunking Modeling | Type Name filter and color

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Cable trays color

You could use filters on the view to choose any color you want. You can use the ''Service Type'' parameter on the

Solved: Cable Tray Material

We can apply cable tray material in MANAGE>OBJECT STYLES>CABLE TRAY & CABLE TRAY FITTING (For all

About Configuring Layout Preferences for Cable Tray or Conduit

You can configure layout preferences for cable tray and conduit to control the layout and appearance of wireway runs. Layout

To Change the System of a Cable Tray or Conduit Run

Systems are defined to make it easier to comply with project standards in all drawings within a project. You can modify the system

To Modify a Cable Tray or Conduit Fitting

For cable tray: click Cable Tray Fitting tabModify panelModify Fitting to open the Modify Cable Tray Fitting dialog box. For conduit:

To Draw a Cable Tray or Conduit Run

The cable tray and conduit tools have specific, predefined systems, such as Power - 120V or Data. The cable tray or conduit that you

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Revit

When using Revit to design your Cable Tray, in many system drawings there is a need to differentiate between different

Solved: Re: Cable Tray Colors

The filter setting is the only option on Revit. or you can change the color settings on Navisworks. if the cable tray has

ELECTRICAL CABLE TRAY SHOP DRAWING CREATION IN

This video is related to AUTOCAD ELECTRICAL CABLE TRAY CREATION

How to Apply Filter For Cable Tray and Conduit In Revit MEP

Revit Electrical & AutoCAD by AutoCAD & Revit Tools How to Apply Filter For Cable Tray

Color code Cable Trays – Dynamo scripts

Similar to duct and pipe legends, I wanted to create a function that colors cable trays based on a few common parameter values. We

Stabitip

In this tip we show how you can edit the color of systems, cable trays and wall sockets.

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Electrical Cable Tray Modelling in Revit From CAD Import ...

Here''s what you''ll learn: CAD File Import: I''ll demonstrate how to seamlessly import your Electrical Cable Tray CAD

To Modify the Size of a Cable Tray or Conduit Run

For cable tray, click Cable Tray tab Modify panel Modify Cable Tray, and specify values for width and height. For conduit, on the

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