SSAB

REVIT FAMILY FOR SSAB STEEL PIPE PILES
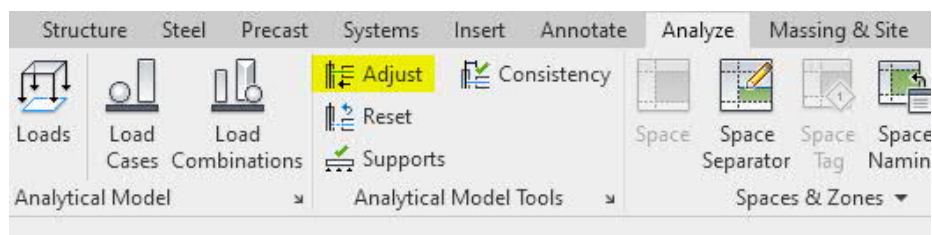
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General information

- The latest version of the Revit component for steel piles (further referred to as Family) is created for Revit 2021.

- The Family is called SSAB_Pile_R21.rfa and can be downloaded from SSAB website and installed into Revit with a few steps listed in this document.

- Remember that the Family is a tool provided to help draw the pile component and create the right combinations, however it's possible to create non existing combinations of plate, shoes and piles and steel grades. For information about what SSAB can provide, please consult further documentation on our website or get in contact with us for more details.

- The Family is not rich in details, its purpose is to be easy to use, to provide the right dimensions and the needed information about the component in a Revit Schedule. For example, if a slanted plate is chosen, the geometry is schematic, meaning the 3D overall presentation will be good enough but the component lacks some finesse in more detailed drawings.

Information about the previous version and updates

- An older version is available for Revit 2017, it's highly recommended to use the latest version if possible, and not to upgrade the old version. The new version is changed and improved to be an even better tool. This is a list of the most important differences between the old and the new version:

    - The old version is not suitable for analytical calculations, if you need to use the old family for this, you need to manually adjust the analytical model in Revit using the Adjust button in the Analyze Tab.

    - The new version has other categories for the nested families then the previous one had, the plate and shoe has changed from Structural Foundations to Structural Connections and the pile from Structural Foundations to Structural Columns. The overall host Family (SSAB_Pile_R21.rfa) is still Structural Columns.

SSAB

- o In the new version the slant of the pile can no longer be set by an instance parameter, slanted pile is still possible to create, but the Family is to be adjusted in the same way as ordinary columns instead.

- o New pile sizes have been added to the new family, if the old one is used, make sure that the dimension you intend to use is still available from SSAB.

Installation instructions

Follow these steps to get started with the Revit Family:

1. Unzip SSAB_Pile_R21.rfa file to desired folder.

2. Open Revit and select the Insert Tab, click on the button Load Family

3. In the Load Family dialog, browse to SSAB_Pile_R21.rfa and click Open.