

BLD127532

Structural Precast for Revit – Fast and Accurate Modeling in a Single BIM Model

Dan Peticila
Autodesk

Additional Class Materials

For complementing the instructions detailed in the class handout, please refer to the following videos that show several stages of the modeling process using the Precast for Revit app:

1. Automatic Segmentation of Walls
<https://autodesk.box.com/s/bic7z8wtztqgbgou01emnot2lt43kuyd>
2. Parameters Added after Segmentation
<https://autodesk.box.com/s/56hxwkd8biyp8mclerd3rg385r922we>
3. Manual Segmentation of Walls and Adjustment
<https://autodesk.box.com/s/qhxp1qff2exz9y10d7y5or4uxxe6puj>
4. Adding Grout Tubes and Mounting Parts
<https://autodesk.box.com/s/qyye6xkrr0w1svkqo52pz8yki2w1lnkb>
5. Solid Slabs and Wall Part Adjustment
<https://autodesk.box.com/s/dyjcj84tqxj1p0b393hdrs8zbik47j5>
6. Hollow Core Slabs
<https://autodesk.box.com/s/4ze352uy60gx49j0ueqk1vmapw8olcnp>
7. Area and Edge Reinforcement
<https://autodesk.box.com/s/yyn0xc9x9m1iqdsdhj7qe6lnceuwis7t>
8. Manual Addition of Rebars
<https://autodesk.box.com/s/met5srktsd8snpgkdleq6rrg7wv6hrxx>
9. Custom Fabric Sheets
<https://autodesk.box.com/s/pev0z2ll4dbimqhp94bi2zitjkz2mycn>
10. One Model – Multiple Stages – LOD variation
<https://autodesk.box.com/s/sskp9emh8fvk82teplqydl4y2h5u5r7k>

11. Shop Drawings

<https://autodesk.box.com/s/8m4yabmgwt9pe7jxv1yercz54k3mdb7s>

12. CAM Export

<https://autodesk.box.com/s/9s135c74wyiibnx3dcpygizduucitg9y>

13. Dynamo Player for MEP openings in walls

<https://autodesk.box.com/s/h581likp7ja416544ev8h5afq8bbvd09>