



Release Notes

Forte® software v5.2

for North America

Release Date: November, 2016

Release Notes Content

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Description of New Features

For more detailed information, refer to the Help file included with the program. To access the help file, use the Help menu. You can also use the Forte® Getting Started Guide for a general overview of the Forte application.

Features and Fixes

Import Load Placement for Multiple Member Connections

When users import members into Forte, the Load Placement (Top, Front Side, Back Side) for each load is now included with the Import file (XML) and will be used for Multiple Member Connection analysis.

Unbraced Length Updates

- The maximum unbraced length calculations for longer unbraced lengths have been updated to meet referenced standards for the appropriate building code
- The member report has been updated to provide the maximum unbraced length for both the top and bottom edge of member

Building Code Updates

The following building codes have been added:

Canada:

- National Building Code of Canada (NBCC) 2015
 - CSA 086-14

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Miscellaneous

- A special live load pattern for hole design in TJI® joists was determined to be no longer necessary and has been removed from the hole design process.
- The slenderness ratio for all non-vertical members has been updated to a maximum allowable ratio of 10:1.
- The member will now fail design when the upward deflection exceeds the minimum allowable deflection criteria defined for that member.

Product Changes and Additions

Updates to Trus Joist® products:

1 ½" x 14" LSL 1.5E is now available for floor joist applications

9 ½" TJI® 560D is no longer available

Updates to Trus Joist properties:

TJI® with Flak Jacket™ Protection is no longer available for analysis in commercial applications or in one-layer, one-hour fire assemblies.

Defects Fixed

The following defects were fixed in this version of the Forte software:

- The correct member graphic now displays when alternating between Post and Wall Column Members.
- Commercial Levels in a job now remember Commodity product selections.
- Forte no longer crashes when linked load materials are reset.
- Tapered PSF loading for roof beams are now adjusted correctly.

Installation Requirements

To install Forte® software, your system must be configured to the following hardware requirements:

Minimum System Requirements

- Pentium® 4 1.4MHz or equivalent AMD® processor
 - 2x or faster CD-ROM/DVD-ROM drive
 - 1 GB RAM
 - 200 MB available hard drive space
 - Minimum Display Resolutions:
 - Using 100% Display Scale (96 DPI) - 1024 x 768 (4:3) monitor with suggested high-color minimum display resolution
 - Using 125% Display Scale (120 DPI) – 1440 x 900 (8:5) monitor with suggested high-color minimum display resolution
- Note: Forte software is not recommended for use with Display Scales higher than 125%.

Forte software requires both Microsoft .Net Framework v3.5 and v4.5.1, which can take up to 500 MB of available space if you do not have it already installed.

Supported Operating Systems

- Microsoft® Windows® 10 32-bit and 64-bit
- Microsoft® Windows® 8.1 32-bit and 64-bit
- Microsoft® Windows® 8 32-bit and 64-bit
- Microsoft® Windows® 7 32-bit and 64-bit
- Microsoft® Windows® Vista® 32-bit and 64-bit