

What's New

 ADVANCE
DESIGN
2021.0.2



 **GRAITEC**

Improvements and corrections

Hotfix 2 is dedicated to **Advance Design 2021.0.1** and includes the following corrections:

Calculations

- **Fix:** Correction of the problem with displaying wrong internal efforts on shell elements for temperature load cases. [20584 (Support 18240)]
- **Fix:** Correction of the problem of generating shear forces on tie elements in case non-linear static calculations. [20605]

Pushover

- **Fix:** Correction of the problem that occurred during the Pushover analysis – incorrect determination of yield rotation values in plastic hinges for steel elements when steel design calculations were performed using the AISC steel standard. [20595]
- **Fix:** Correction of the problem that occurred during the Pushover analysis – incorrect determination of yield rotations and plastic moments in FEMA 356 steel plastic hinges when the Eurocode 3 standard is set for the steel design, in case the steel design calculations were not performed. [20521]
- **Fix:** Correction of the problem that occurred during the Pushover analysis – incorrect determination of yield rotations and plastic moments in EC8 steel plastic hinges when the AISC standard is set for the steel design, in case the steel design calculations were not performed. [20603]
- **Fix:** Correction of the problem of the incorrect acceptance limits for the FEMA steel plastic hinges for flexure elements. [20595, 20496]

RC Design

- **Fix:** Correction of the problem of not taking into account the change of reinforcement for automatic calculated cracked inertia, during the second iteration of the surface element deflection calculation. [20614 (Support 18281)]