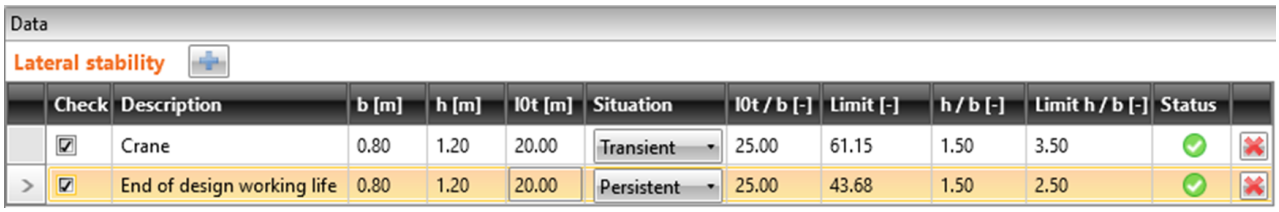
Release notes IDEA StatiCa Concrete & Prestressing version 9

Some of below mentioned improvements have been released in latest patches of IDEA StatiCa 8.2.

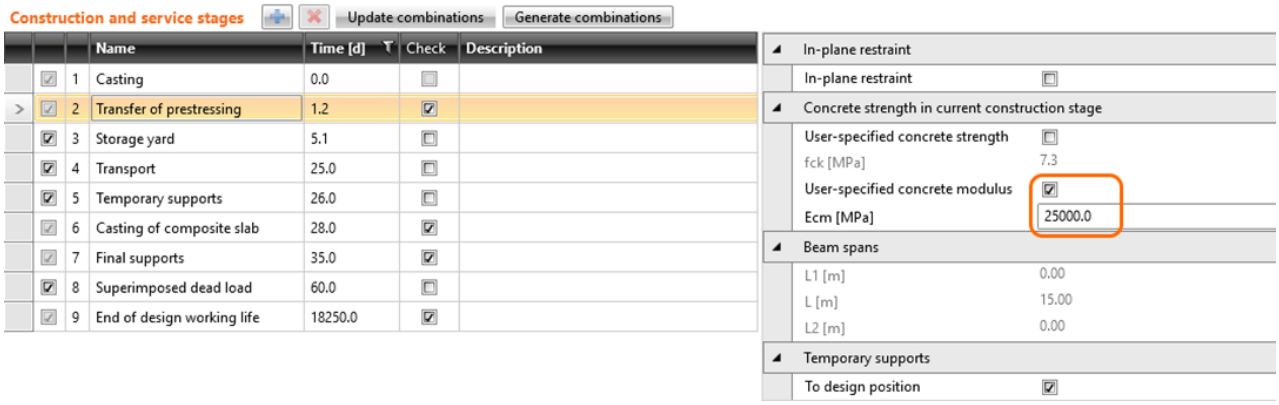
Lateral instability for slender beams

New check is now available (as default) in Beam, BIM and Frame applications in Concrete Design 1D. Checkbox for switching on/off is in last section of Data and input of relevant values is in the new Lateral stability tab in navigator. The results can be obtained for both, persistent and transient situations according EN 1992-1-1 article 5.9 (3).



Elastic modulus input in construction stages

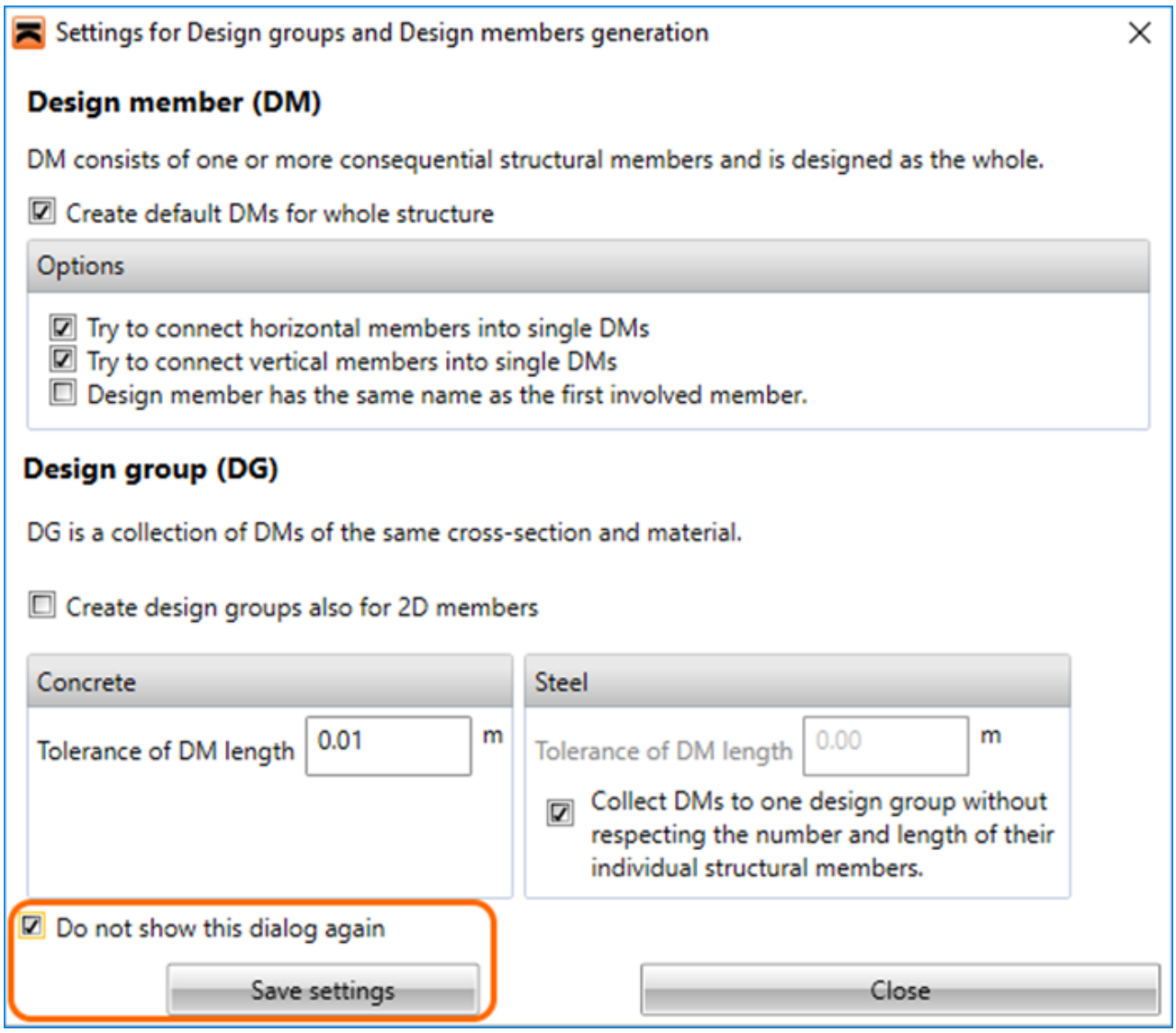
New check is now available (as default) in Beam, BIM and Frame applications in Concrete Design 1D. Checkbox for switching on/off is in last section of Data and input of relevant values is in the new Lateral stability tab in navigator. The results can be obtained for both persistent and transient situations according EN 1992-1-1 article 5.9 (3).



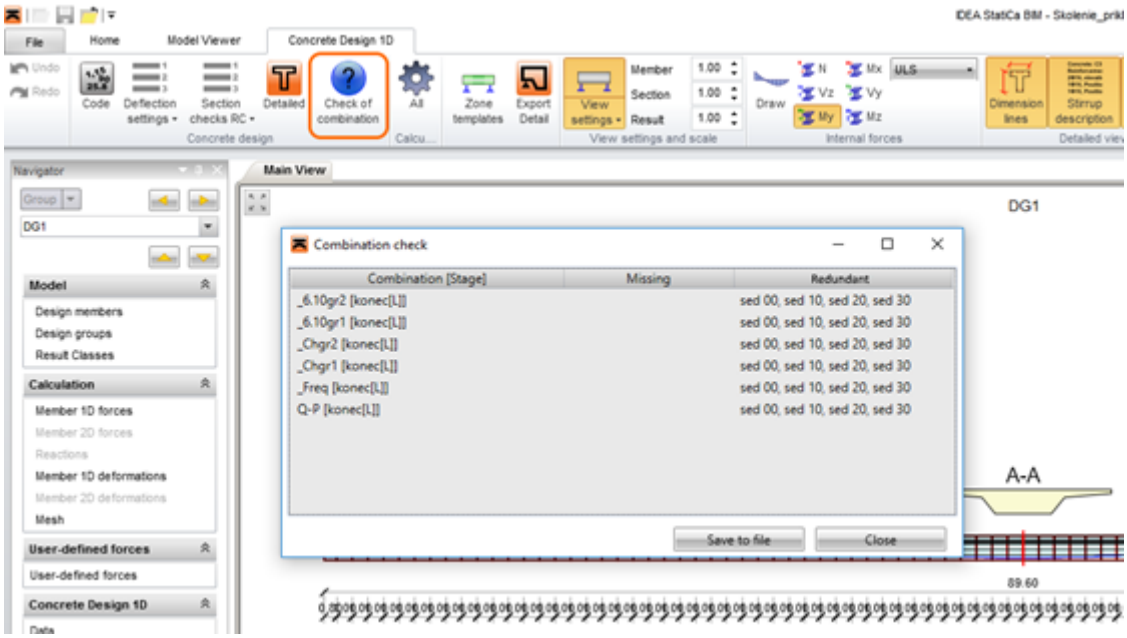
Midas Civil BIM link improvement

A small improvement for our users of BIM link between Midas Civil and IDEA StatiCa BIM. Two dialogs at the beginning of process can be avoided if we do two things.

• Save settings

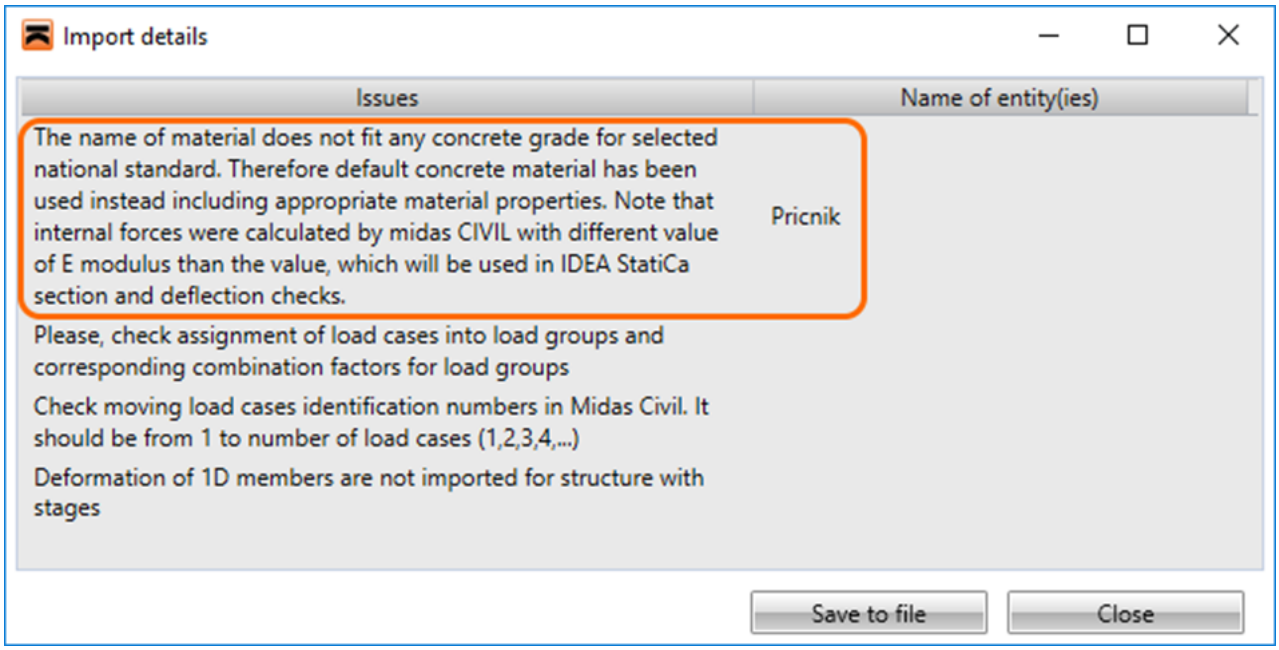


Once we set all checkboxes as desired, we can tick checkbox “Do not show this dialog again” and Save settings. They can be changed anytime later by following ribbon button Settings:

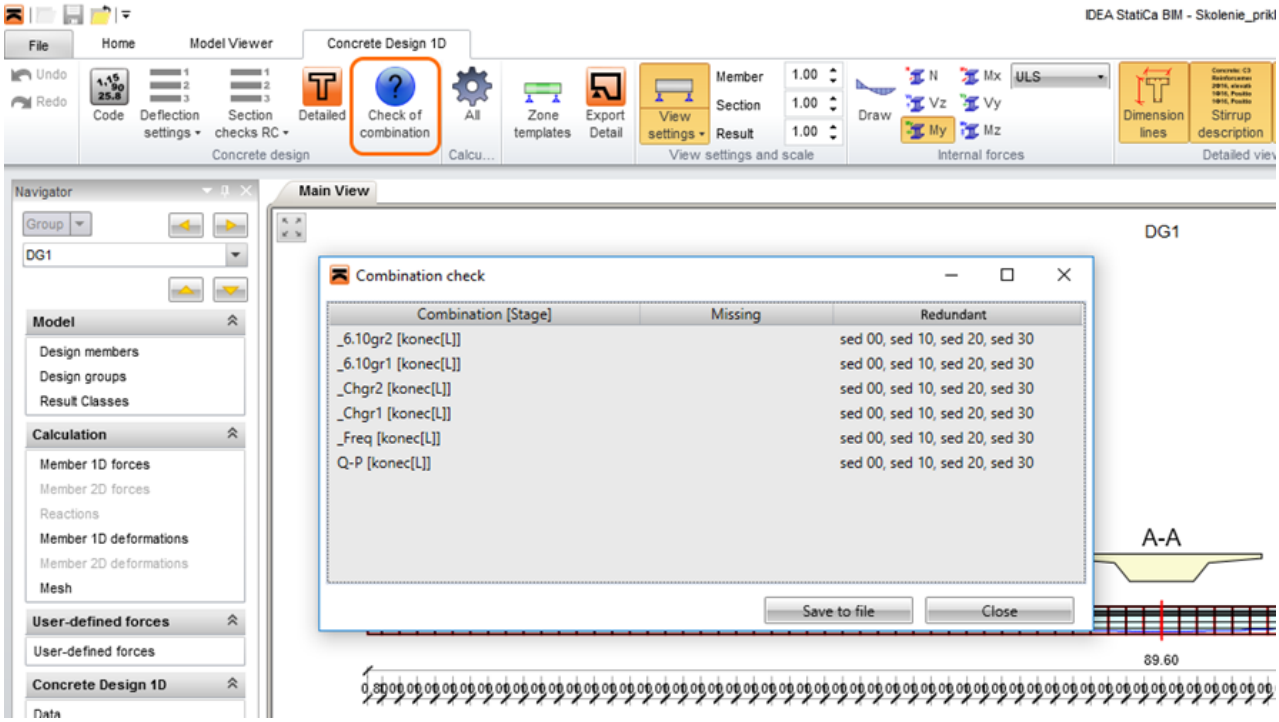


• Have correct data

If we don´t find any non-conformity in your imported project, the next dialog won´t pop-up. In case we find one, it will appear automatically. If you would like to review them later, it will be possible now by previously shown ribbon button Nonconformities.



Another improvement is helpful while trying to find missing or redundant load cases in combinations. E.g., if the permanent load case is included in combination prescription but is not to be found in any of construction stages, we might get wrong values or the combination won´t be taken into account (marked as incorrect). It can be accessed in Reinforcement tab before the export to RCS.


IDEA StatiCa BIM - Skolenie_prikl
File
Home
Model Viewer
Concrete Design 1D
Undo
Redo
Code
Deflection settings
Section checks RC
Detailed
Check of combination
All
Concrete design
Zone templates
Export Detail
View settings
Member
Section
Result
1.00
1.00
1.00
View settings and scale
Draw
N
Mx
ULS
Vz
Vy
My
Mz
Internal forces
Dimension lines
Stirrup description
Navigator
Group
DG1
Model
Design members
Design groups
Result Classes
Calculation
Member 1D forces
Member 2D forces
Reactions
Member 1D deformations
Member 2D deformations
Mesh
User-defined forces
User-defined forces
Concrete Design 1D
Data
Main View
DG1
Combination check
Combination [Stage]
Missing
Redundant
_6.10gr2 [konec[L]]
sed 00, sed 10, sed 20, sed 30
_6.10gr1 [konec[L]]
sed 00, sed 10, sed 20, sed 30
_Chgr2 [konec[L]]
sed 00, sed 10, sed 20, sed 30
_Chgr1 [konec[L]]
sed 00, sed 10, sed 20, sed 30
_Freq [konec[L]]
sed 00, sed 10, sed 20, sed 30
Q-P [konec[L]]
sed 00, sed 10, sed 20, sed 30
Save to file
Close
A-A
89.60