

Advance Design 2016 SP1 - Hotfix 1



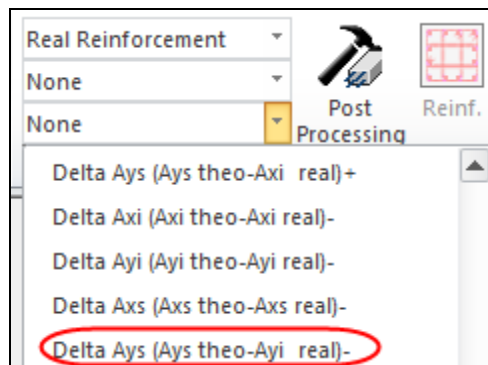
This hotfix for Advance Design 2016 SP1 solves the following issues :

GENERAL APPLICATION

- On some models, the releases defined on the 2nd end of a linear element would not be considered (Ref. 17008).

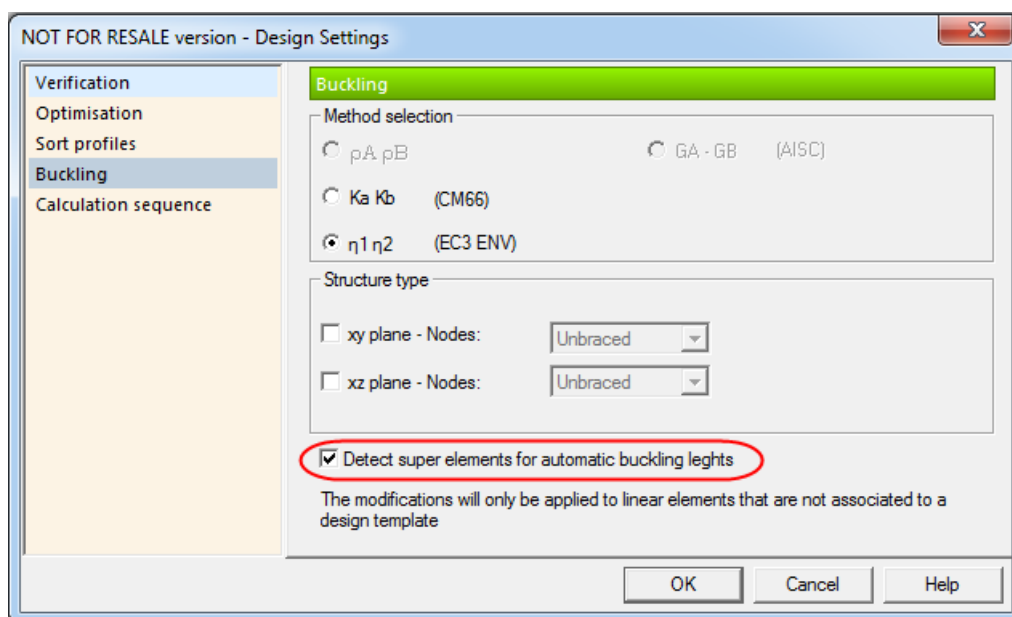
EUROCODE 2

- The **Delta Ays (Ays theo – Ayi real)** entry has been added to the list of available Real Reinforcement results. This entry points out the **over reinforced** areas on a model (with negative values) (Ref. 16795).



EUROCODE 3

- The steel design engine is now able to detect when an element is intersected by other elements, which might have an impact on the auto calculation of buckling lengths. A warning message is then displayed in the console, so the user can check the l_{fy} and l_{fz} buckling lengths returned by Advance Design. This behaviour is governed by an option in the Steel design assumptions (Ref. 17004).



AISC

- The “Strength factors” and “Stability factors” columns available in the combinations dialog have been removed, as they were not considered in the AISC design (Ref. 16956).

NOT FOR RESALE version - Combinations

Combinations | Concrete | Steel | Timber

Profiles

	Combinations description	Code	Type	Strength factors	Stability factors
101	1x[1 G]	ACULS	Enabled	2.00	2.00
102	1x[1 G]+1x[2 NN]	ACULS	Enabled	2.00	2.00