

# BIM design: the advantages for the designer

## One more tool to speed up design and make the technician's job easier.

*Tecnostuttura intends to make it easier and faster to insert mixed steel-concrete beams into BIM software.*

*This is why we have developed the NPS<sup>®</sup> beam parametric objects. Because we strongly believe in the innovation process that the BIM method is finally bringing to the world of construction design. From today, the designer is in the position to manage the totality of the project in BIM: the interface of the NPS<sup>®</sup> beams with the rest of the structures, with the architectural design profiles and with the MEP part.*

*Working more efficiently is now possible.*

STEFANO CHINA,

TECHNICAL DIRECTOR OF TECNOSTRUTTURA

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Specialising in the field of prefabricated mixed steel-concrete systems, in 2013 Tecnostrutture launched NPS® SYSTEM, a construction system composed exclusively of self-supporting structures - beams, columns, slabs - integrated with each other to form a single seismic-resistant system. NPS® offers a complete and advanced range of horizontal structures compatible with all types of slabs. They are quick and easy to assemble and totally self-supporting. NPS® vertical elements make it possible to optimise interior spaces while ensuring the safe elevation of each floor. Designed for difficult building sites and underground construction, discover the NPS® special solutions.

NPS® parametric objects are available for both Tekla and Revit.



*Horizontal structures*

For horizontal structures with Revit the following are available:

NPS® BASIC beam: [link](#)

NPS® CLS beam: [link](#)

NPS® CLS PLUS beam: [link](#)

Airfloor Self-Supporting Slab: [link](#)

For horizontal structures with Tekla Structures the following are available:

NPS® BASIC beam: [link](#)

NPS® CLS beam: [link](#)

NPS® CLS PLUS beam: [link](#)

Airfloor Self-Supporting Slab: [link](#)



*Vertical structures*

For vertical structures with Revit the following are available:

PTC® NPS® column: [link](#)

PDTI® NPS® column: [link](#)

NPS® SISMI PDTI® column: [link](#)

For vertical structures with Tekla Structures the following are available:

PTC® NPS® column: [link](#)

PDTI® NPS® column: [link](#)