



Date: 08.02.2018

Department: General management and engineering

ENSAVE calculation method

ENSAVE quotations are always based on the following documents and information:

- The ENSAVE design of the aluminium parts is according to DIN EN 1991-1-1 Design of aluminium structures – Part 1-1: General structural rules + National Annex.
- The ENSAVE products, system statics and the structural designs are according to EN 1090 EXC1, EXC2 and EXC3.
- ENSAVE calculation deals with the static load capacity of the fasteners, brackets and supporting profiles regarding the effects of wind and weight. Any restraint in the sub-structure due to temperature changes has to be considered separately.
- The structural analysis of the façade panels is not considered. The specification and mounting instructions of the panel producer need to be considered.
- The design of ENSAVE EnVe-system and product is based on the calculation of the Austrian state authorized and sworn engineer Mr. Dipl.-Ing. Josef TOMASSOVITS.
- On demand we can deliver for any project a static release for our quoted system from the Austrian state authorized and sworn engineer Mr. Dipl.-Ing. Josef TOMASSOVITS. With this static release the responsibility and obligation for the static calculation of the project will be taken by the above mentioned civil engineer.

To the extent permitted by the applicable mandatory laws, any additional claims are hereby expressly excluded. In particular, ENSAVE shall not be liable for any direct, indirect, incidental or consequential damages, losses or expenses in connection with the use of the Products or the inability to use the Products for any purpose. Any implied warranty of merchantability or fitness for a particular purpose is specifically excluded.

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