

Project Factsheet

Windows & Doors 2.0

cooperation project

plus
eco

green building cluster
of lower austria

Project description

Already in the preliminary stage of the project „construction connection“, the usual window constructions were analyzed and their location situations in terms of building physics closely looked at. The currently proceeding follow-up project „Windows.Doors 2.0“ is dedicated to a group of window carpenters and suppliers and their yet to be answered questions.

Window elements are becoming heavier and larger, also in object construction, which poses additional challenges. The Green Building Cluster accompanies this cooperation project during the exploration phase and implementation.

The focus of the project is on heat and sound insulation technology as well as the static analysis and optimization of coupled profiles with and without doublings, blind stick assemblies, large elements such as lifting and sliding doors and their floor connections as well as box-type windows. Special questions such as reproducibility of the sound insulation with nominally identical glazing, the acoustic evaluation of windows with window-ventilation are as well part of this analysis as well as panic and emergency exit doors.

The project offers the possibility for further product development and an increase of internal know-how of partner companies through implemented training courses. Via the cooperative method of this project knowledge and experience is generated and shared throughout the project consortium.

Support

Cooperation support of the Lower Austrian Economic and Tourism Fund

Project period

November 2016 - November 2018

External accompaniment

- + Management Consulting Rudolf Exel
- + TGM Versuchsanstalt für Akustik und Bauphysik (TGM Research Institute for Acoustics and Building Physics)
- + Holzforschung Austria (Wood Research Austria)

Project partners

- + Alois Svoboda GmbH
- + HARTL HAUS Holzindustrie GmbH
- + Hasslinger GmbH
- + Kager Fenster GmbH
- + KAPO Fenster und Türen GmbH
- + SFS Intec
- + Tischlerei Hager e.U.
- + WKF Fensterfertigungs GmbH

Further information

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