ALLPLAN
A NEMETSCHEK COMPANY

PERFORMANCE HIGHLIGHTS
OF THE ALLPLAN ADD–ON
AX3000 TEMPERATURE SIMULATION

AX3000 Temperature simulation is an add–on by ESS for Allplan Architecture and Allplan Enginee–ring. The thermal behaviour of a building is simulated based on hourly worldwide weather data. Therefore definitions of zones and systems are used automatically from the energy certificate. An exact view of the behaviour of a building is possible at any time based on detailed usage profiles as well as location–specific climatic data. The results for temperature, cooling and heating load cycles are determined by space or zone.

BENEFITS OF AX3000 TEMPERATURE SIMULATION

– Free definable profiles for occupany, heating and cooling periods
– Consideration of internal loads
– Consideration of building orientation
– Consideration of partial cooling and partial loads
– Influence of structural and terrain shadowing
– Calculation of room or zone temperature for any day of the year
– Calculation and comparison of free definable independant variants
– Calculation of room or zone temperatures in the course of a day or year
– Dynamic calculation of cooling and heating load
– Graphic evaluations

TECHNICAL REQUIREMENTS

At least one installed version of the current BIM solutions Allplan Architecture or Allplan Engineering is required. You find the current system requirements at:
 www.allplan.com/info/sysinfo.

Furthermore:
–Microsoft Excel full version, at least version 2000
–PDF Reader

MANUFACTURER/ TECHNICAL SUPPORT

ESS – EDV–Software Service GmbH & Co KG › Bahnhofstraße 8
9500 Villach, Austria › Tel. +49 (0)89 92793 8925
info@ax3000–group.de

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