

ANSYS Workbench Class3**Error Report****ERROR NO:**

WB2010-12

Keywords:

IMPORTED LOAD THERMAL-STRESS TEMPERATURE JOULE-HEAT
ICEPAK

Description of Error:

Calculated results may be wrong if an Imported Load is present in an environment where the Step End Time is represented by 6 or more digits. The error occurs because the necessary commands to apply or deactivate the load may not be sent to the solver. In addition, the imported data could erroneously be applied at another step. This error can occur when an Imported Load is used for the following cases:

- Temperature transfer from a thermal analysis to a structural/electric analysis
- Temperature transfer from an Icepak analysis to a structural/thermal/thermal-electric analysis
- Joule heat transfer from an electric analysis to a thermal analysis

Typical GUI Path(s):

1. Insert an Imported Body Temperature, Imported Heat Generation or Imported Temperature load
2. Define the load such that data is to be applied or deactivated at a step whose end time is represented by 6 or more digits
3. Solve

Other Comments:

First Incorrect Version:

Release 12.0

Corrected In:

Release 13.0

Suggested User Action For Running on Uncorrected Version:

Use step end times that have less than 6 digits of precision.

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