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## EXPERT PROGRAM

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### DURATION : 1 DAY

Vitrages Décision is piece of calculation software designed by Ginger CEBTP which is intended to be used for sizing and checking glazings.



### PREREQUISITES

- Basic knowledge of thermal science in buildings and mechanical calculations.
- Prior use of the Vitrages Décision software.



### BASIS KNOWLEDGE

Trainees must have basis knowledge in thermal science and mechanics, be familiar with DTU 39 (NFP 78-201 standard - 2012 edition) and preferably have a good working knowledge of the Vitrages Décision software.



### RELEVANT PERSONS

This training course is aimed at companies that purchased the software as well as the individuals required to use it, either in the product design stage or in checking or optimising glazing. This training course is aimed at people who have already taken the «Beginners» course.



### OBJECTIVES

- Get to know the Vitrages Décision calculation rules.
- Discuss the calculation rules used in the software.
- Understand the entry data.
- Specify the parameters used.
- Carry out some practical application.

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### MECHANICAL CALCULATIONS USING VITRAGES DÉCISION

Thermal breakage:

- Processing of some calculations in steady state (low-mounted glazing, interior obstacles, ventilated glazings, etc)

Blinds database:

- Fabric library
- Calculating characteristics of Venetian blinds

Glass workshop:

- Extrapolation of energy and light characteristics of panes (thickness, layers, films)

DTU 39 calculation module updated according to NFP 78-201 standard - 2012 edition:

- Calculating thickness
- Checking deflections and constraints

Spectrophotometric calculation

### FEATURES

- Links multiple calculations
  - Multi-exposure calculations
  - Carries out various calculations at the same time
  - Compatibility of requested options
- Uses blinds and glazing databases
- Integrates the design note published in Backup PDF format
- Defines user profile
- Safeguard