BISCO GROUP TRAINING – 1 DAY (ENGLISH)

Online training
28.01.2027 9.00-17.00h (CET time)

For new BISCO-users or current BISCO-users who want to refresh their building physics background and increase productivity with BISCO by learning all functionalities & tricks

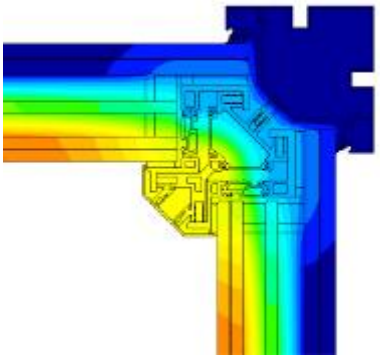
1. **Introduction to heat transfer theory and implementation in the Physibel software**
    - Concepts of conduction – convection - radiation
    - Link to the European standards (with focus on EN ISO 10077-2, EN ISO 12631 and EN ISO 6946)
    - Implementation in the Physibel software: Colour types and conventions (Colour Database)

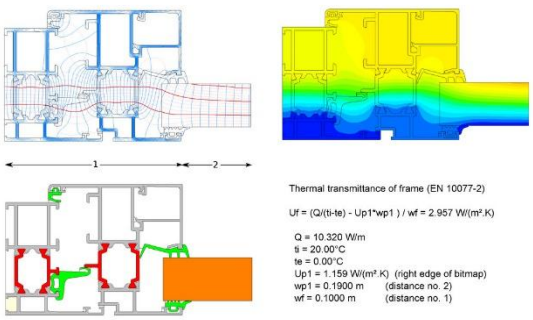
2. **Geometric modelling in the Physibel software**
    - How to prepare a CAD-drawing for efficient input in BISCO?
    - Program BiscoDxf : conversion of DXF > BMP
    - Automatisation

3. **Step-by-step exercises on window frame thermal transmittance U_f**
    - Understanding the different parameters in the calculation of U_f-value according to EN ISO 10077-2 in BISCO:
        - Step-by-step manual procedure
        - Settings and Calculation
        - Graphic output
        - Text output
    - Automatic procedure in BISCO:
        - from DXF to thermal report in 5 minutes
            - Colour database
            - EN ISO 10077-2 preparation
            - Automatic report functions
            - Batch calculations

4. **Exercises on derived thermal properties and reporting (EN ISO 10077-1/2 and EN ISO 12631)**
    - Frame thermal transmittance (U_f)
    - Glazing spacer linear thermal transmittance (ψ)
    - Window thermal transmittance (U_w)
    - Curtain wall thermal transmittance (U_{cw})

5. **Exercises on summer conditions and condensation**
    - Condensation zone – high relative humidity zone – temperature factor
        - Detailed radiation vs simplified radiation (BC_SKY vs BC_SIMPL)
    - Summer behaviour of windows/curtain walls with BISCO





PHYSIBEL B.V. Building Physics Software

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REGISTRATION FORM

TRAINING

Training:	BISCO training – 1 day (ENGLISH)
Location:	online
Scheduled day & time:	28.01.2027 9.00h – 12.30h and 13.30h-17.00h (CET time)
Price (VAT not included) :	415 EUR

PARTICIPANT INFORMATION:

PARTICPANTS NAME: .....
EMAIL ADDRESS:.....

INVOICE INFORMATION:

COMPANY NAME: .....
REFERENCE (optional): .....
VAT-number (EU-based company's): .....
EMAIL ADDRESS:.....

ADDRESS LINE 1: .....
ADDRESS LINE 2: .....
ADDRESS LINE 3: .....
ADDRESS LINE 4:.....
COUNTRY: .....

NAME/SIGNATURE or COMPANY STAMP DATE

Please return this registration form to mail@physibel.be by 21/01/2027 at the latest.
You will receive an electrical invoice for the registration fee of 415 euros (per person) + VAT (if applicable).
A week before the training you will receive the course information and a link to join the online training.

If the minimum number of participants is not attained the organizer reserves the right to postpone the training.
Registration can not be cancelled but can be transferred to another person at any time.