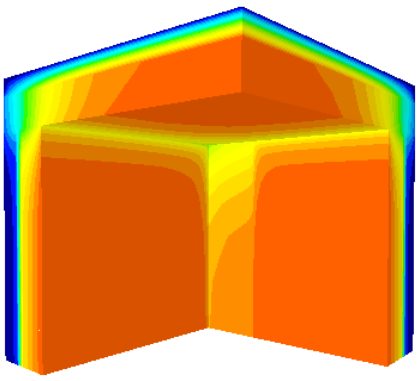
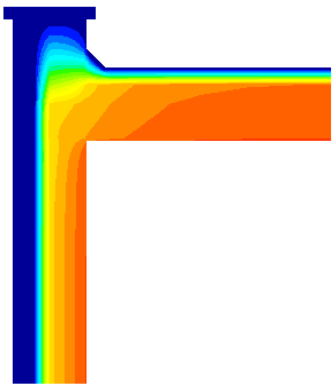
# TRISCO GROUP TRAINING – 1 DAY (ENGLISH)

Online training
14.01.2027 9.00-17.00h (CET time)

For new TRISCO-users or current TRISCO-users who want to refresh their building physics background and increase productivity with TRISCO 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 10211 and EN ISO 6946)
   - Implementation in the Physibel software: Colour types and conventions (Colour Database)
2. **Exercises on TRISCO syntax**
   - Introduction to 'Physibel basic colour' types
   - Exercise 1: 1D heat transfer, wall U-value.
   - Exercise 2: modelling a 3D corner using the built-in editor (multiple variants).
   - Exercise 3: Ventilated cladding wall with brackets
3. **Derived thermal properties and reporting**
   - Linear thermal transmittance (ψ-value) (using roof junction exercise)
   - Point thermal transmittance (χ-value) (using exercise 3 above)
   - Mean thermal transmittance (Um-value) (repetitive thermal bridges)
4. **Geometric modelling in the Physibel software via DXF input**
   - Prepared CAD drawing via TriscoDXF
   - Unprepared CAD drawing as underlayer in Trisco2D (and from Trisco2D to TRISCO)
   - Predefined frequently used boundary conditions and materials (Colour database)
5. **TRISCO output**
   - TRISCO graphic output and text output
   - TRISCO report module
6. **Air cavities: non-ventilated, slightly ventilated, strongly ventilated according to EN ISO**
   - About global surface heat transfer coefficients: horizontal, upwards, downwards.
   - Air cavities in international standards implemented in TRISCO: EN ISO 6946 and EN ISO 10077-2
   - Exercise on cavities and layers and low emissivity materials





PHYSIBEL B.V. Building Physics Software

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# REGISTRATION FORM

## TRAINING

| | |
|---|---|
| Training: | TRISCO training – 1 day (ENGLISH) |
| Location: | online |
| Scheduled day & time: | 14.01.2027<br>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 **07/01/2027** 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.