



International
Standard

ISO 11855-7

**Building environment design —
Design, dimensioning, installation
and control of embedded radiant
heating and cooling systems —**

Part 7:

**Input parameters for the energy
calculation**

AMENDMENT 1

*Conception de l'environnement des bâtiments — Conception,
dimensionnement, installation et contrôle des systèmes radiants
encastrés de chauffage et de refroidissement —*

*Partie 7: Paramètres d'entrée pour le calcul de la performance
énergétique*

AMENDEMENT 1

**First edition
2019-09
AMENDMENT 1
2024-01**

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Published in Switzerland

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This document was prepared by Technical Committee ISO/TC 205, *Building environment design*.

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Part 7: Input parameters for the energy calculation

AMENDMENT 1

Subclause 4.1

Add the following symbols:

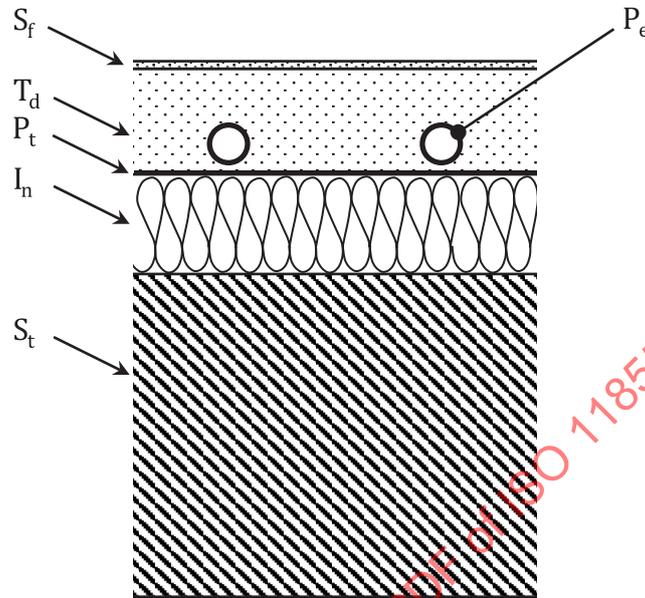
- l_n thermal insulation layer
- P_e pipes or electric cables
- P_t protection layer
- S_t structural layer
- S_f surface layer (c_1, ρ_1, d_1)
- T_c thermal conduction layer (c_3, ρ_3, d_3)
- T_d thermal diffusion layer (c_2, ρ_2, d_2) / (c_3, ρ_3, d_3)

Annex A

Replace Annex A with the following:

Annex A
(informative)

Calculation example



Key

- l_n thermal insulation layer
- P_e pipes or electric cables
- P_t protection layer
- S_t structural layer
- S_f surface layer (c_1, ρ_1, d_1)
- T_d thermal diffusion layer (c_2, ρ_2, d_2) / (c_3, ρ_3, d_3)

Figure A.1 — Construction of typical floor heating systems — System type I