



SLOVENSKI STANDARD
SIST EN ISO 11855-5:2021/oprA1:2023
01-marec-2023

Načrtovanje notranjega okolja v stavbah - Vgrajeni sevalni ogrevalni in hladilni sistemi - 5. del: Vgradnja - Dopolnilo A1 (ISO 11855-5:2021/DAM 1:2023)

Building environment design - Embedded radiant heating and cooling systems - Part 5: Installation - Amendment 1 (ISO 11855-5:2021/DAM 1:2023)

Umweltgerechte Gebäudeplanung - Flächenintegrierte Strahlungsheiz- und -kühlsysteme - Teil 5: Installation (ISO 11855-5:2021/DAM 1:2023)

Conception de l'environnement des bâtiments - Systèmes intégrés de chauffage et de refroidissement par rayonnement - Partie 5: Installation - Amendement 1 (ISO 11855-5:2021/DAM 1:2023)

Ta slovenski standard je istoveten z: EN ISO 11855-5:2021/prA1

ICS:

91.140.10	Sistemi centralnega ogrevanja	Central heating systems
91.140.30	Prezračevalni in klimatski sistemi	Ventilation and air-conditioning systems

SIST EN ISO 11855-5:2021/oprA1:2023 en,fr,de

DRAFT AMENDMENT

ISO 11855-5:2021/DAM 1

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Building environment design — Embedded radiant heating and cooling systems —

Part 5: Installation

AMENDMENT 1

Conception de l'environnement des bâtiments — Systèmes intégrés de chauffage et de refroidissement par rayonnement —

Partie 5: Installation

AMENDEMENT 1

STANDARD PREVIEW
(standards.iteh.ai)

ICS: 91.040.01

[SIST EN ISO 11855-5:2021/oprA1:2023](https://standards.iteh.ai/catalog/standards/sist/1ad4bb44-e203-4c43-829e-1b5cad9614de/sist-en-iso-11855-5-2021-opra1-2023)

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Building environment design — Embedded radiant heating and cooling systems —

Part 5: Installation

AMENDMENT 1

Foreword

Modify to the following:

The main changes compared to the previous edition are as follows:

- modified Clause 2 (Normative references) and the Bibliography;
- modified Clause 4 (Symbols);
- added a new subclause on vapour barrier and other layers (see 5.1.2.2);
- modified the subclause on insulating layers, perimeter insulating strip adding a new approach and adding details for thermal resistance of insulating layer (see 5.1.2.3);
- added new subclauses on insulating layers for systems in new constructions (see 5.1.2.3.2) and in refurbished systems (see 5.1.2.3.3);
- modified the subclauses on joints (see 5.1.2.8.3), leak test (see 5.1.3), initial heating up of the emission system (see 5.1.4) and general structural preconditions (see 5.2.2);
- removed the subclause on maximum heating fluid flow temperatures (previously 5.2.4);
- improved wording and made editorial changes;
- radiant system type figure numbers are updated based on the redefined radiant system types;

4 Symbols

Table 1

Modify to the following line in Table 1:

Table 1 — Symbols

Symbol	Unit	Quantity
s_h	m	In type II systems, thickness of thermal insulation from the outward edge of the insulation to the inward edge of the pipes (see Figure 2)

5 Installation