

HEATIT RVK 13W HEATING CABLE

Heating cable for underfloor heating 13W/m

Heatit RVK 13W is a robust and flexible twin-conductor heating cable designed for effective underfloor heating in residential and commercial buildings. With an output of 13 W/m and a slim diameter of just 3.5 mm, the heating cable combines a relatively high linear power output with a low-profile design, making it suitable for both renovation projects and new floor installations.

Heatit RVK 13W is easy to install and features a durable, shape-retaining outer sheath that allows the cable to be positioned and adjusted before fastening. The heating cable can be installed directly onto a suitable subfloor and embedded in levelling compound or concrete. Depending on the subfloor and floor covering, the total floor build-up height will typically range from 4 to 20 mm.

The heating cable is compatible with Heatit QuickMat, offering a practical solution for low-profile underfloor heating installations. It can also be secured using fixing strips, installed on TF steel mesh or fully bonded to a suitable non-combustible substrate.

The cable features a clearly visible connection between the heating section and the cold lead, simplifying installation. It has an IPX7 protection rating and a lead-free, polyolefin outer sheath manufactured without hazardous toxic substances.

When combined with Heatit WIFI7 or Heatit DIN Smart, the heating cable system complies with the Ecodesign requirements of EU Regulation 2024/1103. This provides a modern electric underfloor heating solution with intelligent temperature control and energy-efficient operation.

With an output of 13 W/m, Heatit RVK is well suited for applications requiring a higher linear heating output. When combined with a suitable thermostat, the system provides precise temperature control and comfortable, even heat distribution.

The Heatit low-profile heating cable range is also available in 6 W/m (GVK) and 10 W/m (BVK).

PRODUCT FEATURES

- Applications:
- Technical Specifications:
- Output: 13 W/m.
- Voltage: 230VAC 50Hz.
- Cable diameter: 3.5 mm.
- IP rating: IPX7.
- Cold lead: 6 m.
- Colour: Red.
- Maximum temperature: 80°C.
- Electric underfloor heating in residential and commercial buildings.
- Room heating in kitchens, bathrooms, hallways and other indoor areas.
- Comfort heating in suitable floor constructions.
- Underfloor heating in areas requiring a higher linear heating output.
- Renovation and upgrading of existing floors.
- Low-profile floor constructions with limited installation height.
- Underfloor heating beneath tiles, vinyl and other suitable floor coverings.
- Installation with Heatit QuickMat.
- Other indoor underfloor heating applications.
- Product type: Twin-conductor, grounded heating cable.
- Connection: Clearly visible joint between heating cable and cold lead.
- Grounding: Copper wire with aluminium sheathing.
- Outer sheath: Shape-retaining polyolefin (PO).
- Operating ambient temperature: 0°C to 40°C.
- Storage temperature: -20°C to 50°C.
- Installation temperature: 0°C to 40°C.
- Installation: Embedded in levelling compound or concrete, or installed using suitable floor heating systems.
- Typical floor build-up height: 4–20 mm, depending on construction.
- Compatible system: Heatit QuickMat.
- Installation environment: Indoor.
- Compliance: CE, REACH and RoHS.

PRODUCT DATA

Voltage	230VAC 50Hz
Cable type	Twin conductor, grounded
Grounding	Copper wire with alu sheating
Effect pr. meter (watt pr. running meter)	13W
Cable diameter +/- (Ø - mm)	3.5mm
Cold lead	6m
Max temperature (average)	80°C
Ambient temperature range in use	0 to 40°C
Ambient temperature range in storage (°C)	-20 to 50°C
Min/max installation temperature	0 to 40°C
Colour	Red
Outer sleeve material	Polyolefin (PO)
IP Code	IPX7
Certification	Reach, RoHS
EN Standards	CE
Warranty in Norway	10 years
Warranty international	2 years
Product height-/depth	3.5mm
Customs number	85168000

PRODUCT COVER

Flooring, Tiles, Vinyl, Woodchip boards

GROUND PROTECTION/RCD/THERMOSTAT

The heating system must be equipped with an RCD with a maximum trip value of 30mA.

The heating system must be installed with an electronic thermostat for energy efficiency and temperature control.

Product Overview

Art no.	Product	Total effect	Length	Ohm-value
10 112 30	Heatit RVK13 270W/20m 13W/m	270W	20 meter	196 Ω
10 112 31	Heatit RVK13 340W/25m 13W/m	340W	25 meter	156 Ω
10 112 32	Heatit RVK13 405W/30m 13W/m	405W	30 meter	131 Ω
10 112 33	Heatit RVK13 475W/35m 13W/m	475W	35 meter	111 Ω
10 112 34	Heatit RVK13 540W/40m 13W/m	540W	40 meter	98 Ω
10 112 35	Heatit RVK13 675W/50m 13W/m	675W	50 meter	78 Ω
10 112 36	Heatit RVK13 810W/60m 13W/m	810W	60 meter	65 Ω
10 112 37	Heatit RVK13 950W/70m 13W/m	950W	70 meter	56 Ω
10 112 38	Heatit RVK13 1080W/80m 13W/m	1080W	80 meter	49 Ω
10 112 39	Heatit RVK13 1215W/90m 13W/m	1215W	90 meter	44 Ω
10 112 40	Heatit RVK13 1350W/100m 13W/m	1350W	100 meter	39 Ω

MAINTENANCE

The product is maintenance-free, but it must always be installed in compliance with the manual.

RETURN AND RECYCLING

The product must be recycled as electronic waste.

VARMEKABELDATA

Cable type	Twin conductor, grounded	Grounding	Copper wire with alu sheating
Effect pr. meter (watt pr. running meter)	13W	Cable diameter +/- (Ø - mm)	3.5mm
Cold lead	6m	Max temperature (average)	80°C

DISCLAIMER

No additional build-up is required; the heating cable is installed directly in the concrete construction. The cable can be installed on TF steel mesh, but must not be installed directly on reinforcement mesh. It can also be fully bonded to a non-combustible subfloor or fixed using installation strips.

When embedding the heating cable in concrete, the casting process must be carried out in accordance with the installation manual.

We develop and design our products according in accordance with our strict quality requirements (ISO 9001) and environmental requirements (ISO 14001).
All electrical installations must be carried out by an authorized electrical installer. The product must be installed in accordance with our installers manual and national building codes. Any wrongful installation, misuse, damage of the product, is not covered under warranty.

Updated documentation is available at www.heatit.com or documents.heatit.com
Heatit Controls AS can not be held liable for any type of errors or omittances in our product information.
Product specifications may change without further notice.