

Low height, single room, water-fed underfloor heating kits

Schlüter®-BEKOTEC-THERM

United Kingdom · Effective 1st January 2025



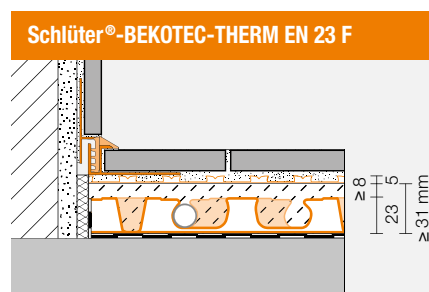
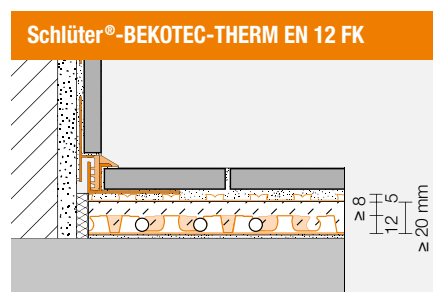
Schlüter®-BEKOTEC-THERM is an innovative solution for creating heated tiled floors. Our proven system, including innovative studded screed panels, is quickly installed without using costly, construction materials – ceramic tile coverings can typically be installed just one day after a 4:1 sand:cement screed (with NO fibres or reinforcements) has been installed on top of the studded screed panels.

The innovative assembly reduces tensions in the 4:1 sand:cement screed. The advantage for you: NO control joint profiles in the screed, NO buckling, very short construction times. High strength and rapid curing screeds must not be used.

Contact us at bekotec-therm@schluter.co.uk for more information.



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What do I order?

Either kit panel set (EN 12 FK or En 23 F) 1, 2 3, and the Mixing Station, plus either the DHERT2 or the DHERT6 thermostat.

* Whilst the system could be used with a non-tiled floor covering (e.g. carpet, vinyl, engineered timber) this application should be discussed with Schlüter's Technical Team before purchasing or installation.



Our lightest and thinnest assembly

Schlüter®-BEKOTEC-EN FK

- ✓ Studded panel thickness = 12 mm (plus 3 mm tile adhesive)
- ✓ Screed covering = 8 – 15 mm thick
- ✓ Overall assembly height = 20 – 27 mm (plus 3 mm for tile adhesive & 5 mm for DITRA uncoupling membrane)
- ✓ Adhered to substrate with C2/C2F cementitious tile adhesive
- ✓ Weight 40 kg/m²
- ✓ 150 mm pipe spacing
- ✓ Heat output (40°C flow & 20°C return) 80 W/m²

lightweight & low height



from 20 mm

Schlüter®-BEKOTEC-THERM EN 12 FK Kit 1

8 m² underfloor heating kit

| Units | Product | Art. No. | GBP £ |
|-------|--|--------------|--------|
| 9 | Modular studded screed panels | EN12 FK | 389.73 |
| 1 | Edge insulation strip 25 m roll | BRS808KSF | |
| 1 | Levelling panel | EN 12FGK | |
| 1 | Pipe clamping strip 10-12 mm | BT ZRKL 1012 | |
| 1 | Heating pipe 70 m roll (10 mm) | BTHR10RT 70 | |
| 2 | Heating pipe angle clips | BTZW1014 | |
| 1 | Connector fitting (2 per bag) | BTZ2AN14 | |
| 1 | Compression fitting/clamp connection (2 per bag) | BTZ2KV10 | |

Schlüter®-BEKOTEC-THERM EN 12 FK Kit 2

10 m² underfloor heating kit

| Units | Product | Art. No. | GBP £ |
|-------|--|--------------|--------|
| 11 | Modular studded screed panels | EN12 FK | 599.69 |
| 2 | Edge insulation strip 25 m roll | BRS808KSF | |
| 2 | Levelling panel | EN 12FGK | |
| 1 | Pipe clamping strip 10-12 mm | BT ZRKL 1012 | |
| 1 | Heating pipe 70 m roll (10 mm) | BTHR10RT 70 | |
| 4 | Heating pipe angle clips | BTZW1014 | |
| 1 | Connector fitting (2 per bag) | BTZ2AN14 | |
| 2 | Compression fitting/clamp connection (2 per bag) | BTZ2KV10 | |
| 2 | Twin connector (2 per bag) | BTZ2DA | |

Schlüter®-BEKOTEC-THERM EN 12 FK Kit 3

12 m² underfloor heating kit

| Units | Product | Art. No. | GBP £ |
|-------|--|--------------|--------|
| 14 | Modular studded screed panels | EN12 FK | 729.68 |
| 2 | Edge insulation strip 25 m roll | BRS808KSF | |
| 2 | Levelling panel | EN 12FGK | |
| 1 | Pipe clamping strip 10-12 mm | BT ZRKL 1012 | |
| 1 | Heating pipe 120 m roll (10 mm) | BTHR10RT 120 | |
| 4 | Heating pipe angle clips | BTZW1014 | |
| 1 | Connector fitting (2 per bag) | BTZ2AN14 | |
| 2 | Compression fitting/clamp connection (2 per bag) | BTZ2KV10 | |
| 1 | Twin connector (2 per bag) | BTZ2DA | |



Mixing Station

Suitable for 8, 10 & 12 m² underfloor heating kit

| Product | Art. No. | GBP £ |
|---------------------------------|------------|--------|
| Single room pack mixing station | UFHC980357 | 399.00 |



Thermostat

| Product | Art. No. | GBP £ |
|--------------------------------|-----------|--------|
| Touchscreen thermostat | DHERT2/BW | 214.97 |
| Smart voice control thermostat | DHERT6/BW | 305.59 |

EN 12 FK Kits 1, 2 & 3



Mixing Station



Thermostat



or

Universal assembly

Schlüter®-BEKOTEC-EN F

- ✓ Studded panel thickness = 23 mm
- ✓ Screed covering = 8 – 25 mm thick
- ✓ Overall assembly height = 31 – 48 mm (plus 5 mm for DITRA uncoupling membrane)
- ✓ Loose lay, can be combined with insulation
- ✓ Weight 57 kg/m²
- ✓ Pipe spacing: 150 mm kits 1 & 2; 225 mm kit 3
- ✓ Heat output: (40°C flow & 20°C return) 90 W/m² kits 1 & 2; 50W/m² kit 3

all-round talent



from 31 mm

Schlüter®-BEKOTEC-THERM EN 23 F Kit 1

10 m² underfloor heating kit

| Units | Product | Art. No. | GBP £ |
|-------|---------------------------------|------------|--------|
| 11 | Modular studded screed panels | EN 23 F | 604.67 |
| 2 | Edge insulation strip 25 m roll | BRS808KSF | |
| 1 | Levelling panel | ENFG | |
| 1 | Pipe clamping strip 14 - 16 mm | BT ZRKL | |
| 1 | Heating pipe 70 m roll (14 mm) | BTHR14RT70 | |
| 2 | Heating pipe angle clips | BTZW1418 | |
| 1 | Connector fitting (2 per bag) | BTZ2AN14 | |
| 1 | Double-sided tape 66 m x 30 mm | BTZDK66 | |

Schlüter®-BEKOTEC-THERM EN 23 F Kit 2

10 m² underfloor heating kit

| Units | Product | Art. No. | GBP £ |
|-------|--|--------------|--------|
| 17 | Modular studded screed panels | EN 23 F | 940.48 |
| 2 | Edge insulation strip 25 m roll | BRS808KSF | |
| 2 | Levelling panel | ENFG | |
| 1 | Pipe clamping strip 14 - 16 mm | BT ZRKL | |
| 1 | Heating pipe 120 m roll (14 mm) | BTHR14RT 120 | |
| 4 | Heating pipe angle clips | BTZW1418 | |
| 1 | Connector fitting (2 per bag) | BTZ2AN14 | |
| 1 | Double-sided tape 66 m x 30 mm | BTZDK66 | |
| 1 | Twin connector (2 per bag) | BTZ2DA | |
| 2 | Compression fitting/clamp connection (2 per bag) | BTZ2KV14 | |

Schlüter®-BEKOTEC-THERM EN 23 F Kit 3

12 m² underfloor heating kit

| Units | Product | Art. No. | GBP £ |
|-------|--|-------------|---------|
| 33 | Modular studded screed panels | EN 23 F | 1331.04 |
| 2 | Edge insulation strip 25 m roll | BRS808KSF | |
| 3 | Levelling panel | ENFG | |
| 4 | Pipe clamping strip 14 - 16 mm | BT ZRKL | |
| 2 | Heating pipe 70 m roll (14 mm) | BTHR14RT 70 | |
| 4 | Heating pipe angle clips | BTZW1418 | |
| 1 | Connector fitting (2 per bag) | BTZ2AN14 | |
| 1 | Double-sided tape 66 m x 30 mm | BTZDK66 | |
| 1 | Twin connector (2 per bag) | BTZ2DA | |
| 2 | Compression fitting/clamp connection (2 per bag) | BTZ2KV14 | |

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Mixing Station

Suitable for 8, 10 & 12 m² underfloor heating kit

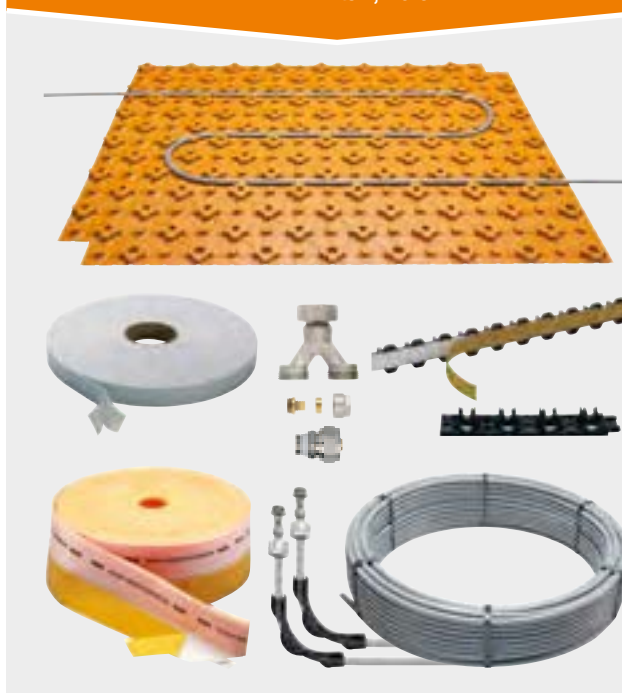
| Product | Art. No. | GBP £ |
|---------------------------------|------------|--------|
| Single room pack mixing station | UFHC980357 | 399.00 |

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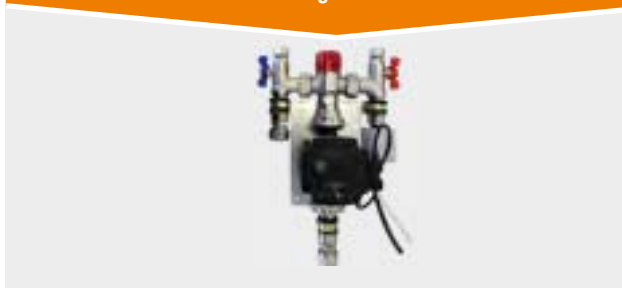
Thermostat

| Product | Art. No. | GBP £ |
|--------------------------------|-----------|--------|
| Touchscreen thermostat | DHERT2/BW | 214.97 |
| Smart voice control thermostat | DHERT6/BW | 305.59 |

EN 12 FK Kits 1, 2 & 3



Mixing Station



Thermostat



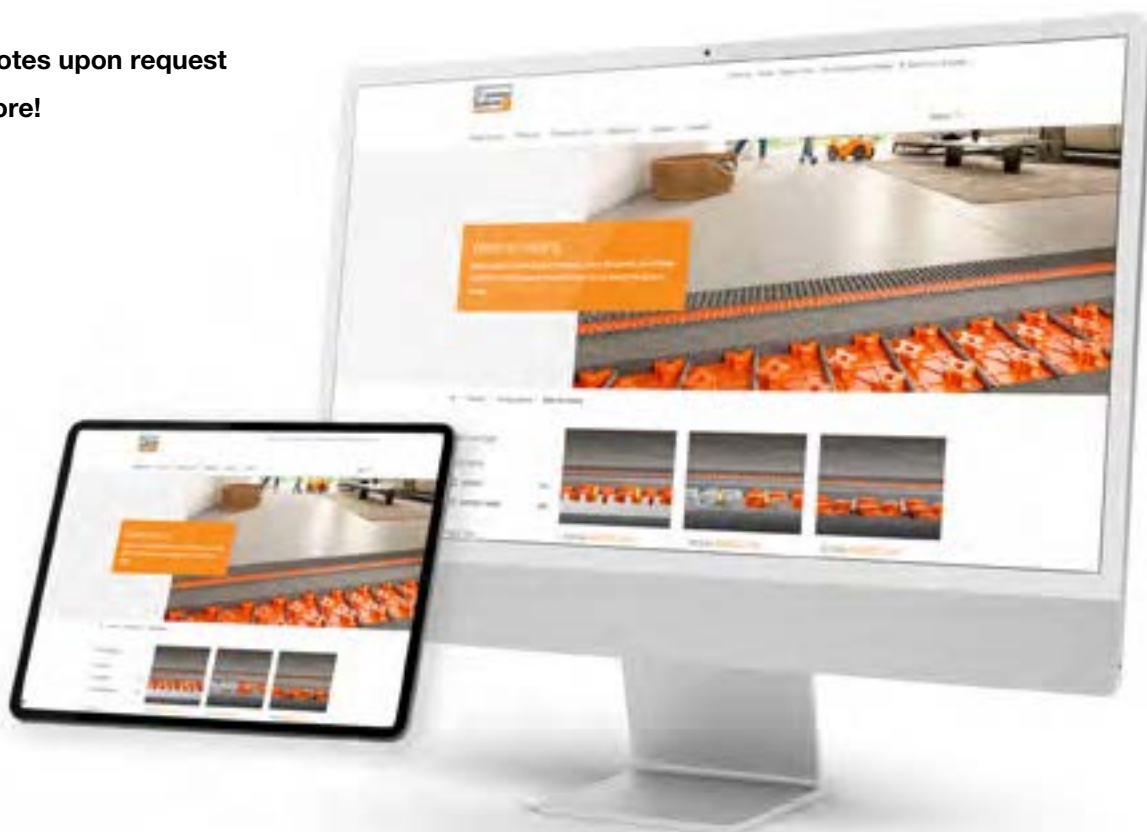
Experience Schlüter®-BEKOTEC-THERM

On our website

Schluter.co.uk offers full information about the innovative floor heating assemblies of Schlüter-Systems. From informative videos to FAQs, the site offers all the information you need.

If you have additional questions, please contact us at bekotec-therm@schluter.co.uk for more information.

- ✓ **Everything you need to know about BEKOTEC-THERM**
- ✓ **Advice and services**
- ✓ **Videos**
- ✓ **Downloads**
- ✓ **Individual quotes upon request**
- ✓ **and much more!**



schluter.co.uk

Subject to the General Terms and Conditions of Schlüter-Systems Ltd.

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You find the actual "General Terms and Conditions" of Schlüter-Systems Ltd. here:

<https://eu.schluter.com/en-GB/general-terms-and-conditions-2651.html>



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