IMPORTANT Ordering Information for Schluter®-DITRA-HEAT Cables

- Do not purchase a heating cable the same size as the area to be tiled; this will be too much heating cable!
- Very important: **Never CUT or modify the heating cable in any way.** This would change the cable resistance, will cause damage to the cable, and could cause cable overheating.
- A cable spacing of 3 studs is standard
- Cable may also be spaced at continuously alternating 3 stud – 2 stud – 3 stud intervals in isolated areas or over the entire floor. This practice may be desirable to increase heat output (e.g., over uninsulated on or below grade concrete subfloors) or to consume more cable length in a given area (e.g., when using the standard 3 stud spacing doesn't allow the selected cable to fit the floor area and respect minimum spacing requirements from walls, partitions, etc.)
- A cable spacing of 4 studs is not recommended, as it can produce inconsistent floor surface temperatures
- Minimum spacing from walls, partitions, and fixed cabinets is 2" *(50 mm)*.
- Minimum spacing from other heat sources (baseboard heaters, fireplaces, etc.) is 8" *(200 mm).*
- Minimum spacing from any plumbing drain and forced air heating ducts is 4" *(100 mm)*.
- Minimum spacing from the centerline of toilet drain is 7" *(180 mm)*.
- The heating section of the cable must be entirely installed under the floor covering. The installation is characterized as a Type C (Embedded Floor Warming) application. In order to prevent a fire hazard, do not install it anywhere else (e.g. in a wall).
- NEVER install the heating cable under vanities with no air space beneath, bathtub platforms, free-standing bathtubs with no air space beneath, kitchen cabinets or any other fixtures or in clothing closets. Excessive heat will build up in these confined spaces and may cause cable overheating.
- It is helpful to plan the location of a buffer zone, as it is not possible to predict where the heating cable will end. The buffer zone is an area where heating is not essential and heating cable installation is not planned (e.g., behind a toilet or adjacent to a door opening). This area allows for placement of excess heating cable. Heating cables may also be installed 6" *(150 mm)* from the wall to create a buffer zone.
- Heating cable testing is required while the heating cable is on the spool and at two subsequent steps during installation to ensure cable quality and for warranty purposes.

Schluter®-DITRA-HEAT-E-HK-RK Heating Cable Repair Kit and Schluter®-DITRA-HEAT-E-HK-SK Heating Cable Splice Kit

Schluter®-DITRA-HEAT-E-HK-RK is a repair kit for DITRA-HEAT-E-HK heating cables. The kit contains all the material to replace one section of heating cable (gray section) up to 10" *(25 cm)* long or less in the event of damage, such as cuts by other trades during installation.

Schluter®-DITRA-HEAT-E-HK-SK is a splice kit for DITRA-HEAT-E-HK heating cables. The kit contains all the material to replace one factory splice of the heating cable.

Please visit www.schluter.com for ordering information.

WARNINGS

- Heating cable repairs must be conducted by a qualified electrician in accordance with this heating cable repair procedure, the National Electric Code (USA) or Canadian Electric Code Part I (CAN) as applicable and the Schluter®-DITRA-HEAT Installation Handbook. All electrical connections must be made by a qualified electrician, according to the electrical and building codes effective in your region.
- **Prior to commencing a repair:** Any known deviations from the Schluter®-DITRA-HEAT Installation Handbook and/or applicable code(s) must be corrected. All cable installation and repair instructions must be followed in order to avoid personal injuries or property damage.
- Do not use these kits to splice different heating cables together. These kits are only intended for making repairs to a single cable.
- The heating cable cannot be shortened or altered to fit.
- **Very important:** Never CUT the heating cable. This could change the cable resistance and could lead to a fire.
- **WARRANTY DISCLAIMER:** Any deviation from the DITRA-HEAT Installation Handbook (which includes damage to the DITRA-HEAT-E-HK heating cables) voids the Schluter®-DITRA-HEAT Limited limited Warranty and warranty coverage is not reinstated upon repair of the heating cable. SCHLUTER SYSTEMS FURTHER DISCLAIMS ANY AND ALL WARRANTIES EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ANY AND ALL LIABILITY ARISING FROM THE ELECTRICIAN SERVICES.