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CSI: DIVISION: 22 00 00—PLUMBING
Section: 22 40 00—Plumbing Fixtures

Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: Schluter® Shower System

Listee: Schluter® Systems L.P.
194 Pleasant Ridge Road
Plattsburgh, New York 12901
www.schluter.com

Additional Listee:

Schluter® System (Canada) Inc.
21100 Chemin Ste-Marie
Ste-Anne-de-Bellevue QC H9X 3Y8

Compliance with the following codes:

2021, 2018, 2015, 2012, 2009 and 2006 *International Residential Code®* (IRC)
2021, 2018, 2015, 2012, 2009 and 2006 *International Plumbing Code®* (IPC)
2021, 2018, 2015, 2012, 2009 and 2006 *Uniform Plumbing Code®* (UPC)*
2021, 2018, 2015, 2012 and 2009 *National Standard Plumbing Code* (NSPC)
2019, 2016, 2013 and 2010 *California Plumbing Code* (CPC)
2020 and 2017 *City of Los Angeles Plumbing Code*
2019 *City of Chicago Plumbing Code*
2021, 2017 and 2007 *Code of Massachusetts Regulation 248 CMR 10.00: Uniform State Plumbing Code*
2017 *Uniform Illustrated Plumbing Code – India™* (UIPC-I)*
2020, 2015, 2010, and 2005 *National Plumbing Code of Canada* (NPC)**

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Compliance with the following standards:

CSA B79-2008 (R2018), Commercial and Residential Drains and Cleanouts
ASME A112.18.2/CSA B125.2-2020, Plumbing Waste Fittings
IAPMO PS 106-2015e1, Tileable Shower Receptors and Shower Kits

Listings are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the listing or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this listing, or as to any product covered by the listing.

ANSI A118.10-2014(R19), Load Bearing, Bonded, Waterproofing Membranes for Thin-Set Ceramic Tile and Dimension Stone Installation

Identification:

Packaging for the Schluter®-Shower System described in this listing must be identified by a label bearing the manufacturer's name, the product name, and the ICC-ES PMG listing mark. Packaging for membrane may also be marked with the ICC evaluation report number (ESR-2467).

Installation:

Installation of Schluter®-KERDI, Schluter®-KERDI-DS, Schluter®-DITRA, Schluter®-DITRA-XL, Schluter®-DITRA-HEAT, Schluter®-DITRA-HEAT-TB and Schluter®-DITRA-HEAT-DUO membranes and accessories must be installed in accordance with the manufacturer's published instructions and the applicable codes. The manufacturer's published installation instruction must be available at the jobsite at all times during installation. Membranes are suitable for use with any bonded, thin-set mortar without the need for additional adhesives or primers. The membranes are separated at expansion joints to avoid restriction of the joint movement and the seams are sealed with flexible KERDI-FLEX.

The Schluter®-KERDI-DRAIN and Schluter®-KERDI-LINE are suitable for use with tile showers. The shower drain with integrated bonding flange must be installed in accordance with the manufacturer's published instructions and the applicable codes.

The Schluter®-DITRA-HEAT, Schluter®-DITRA-HEAT-TB and Schluter®-DITRA-HEAT-DUO may be installed with the DITRA-HEAT-E-HK heating cable sets. Heating cables are certified under CSA File 269513, UL file #KQYZ.E496874 and cUL file #KQYZ7.E496874 and are outside the scope of this report. Although some jurisdictions do not require another layer of membrane to be installed over cable prior to laying tile, the manufacturer does recommend a layer of Schluter®-KERDI over cables in shower installations. The final approval shall be determined by the authority having jurisdiction in that area. Cable waterproofing can be found under the CSA File 269513, UL file #KQYZ.E496874 and cUL file #KQYZ7.E496874.

Models:

The Schluter®-Shower System is an integrated family of products which together create a fully waterproof enclosure in tiled showers, steam showers, and bathtub surrounds. The shower system assembly and components were proven to be waterproof and mold resistant when tested in accordance with ANSI A118.10. Shower drain with integrated bonding flange complied with CSA B79, ASME A112.18.2/CSA B125.2, and IAPMO IGC 195 and do not require weep holes.

The Schluter®-Shower System may include the following components: waterproofing membrane, waterproofing strip, inside and outside corners, pipe and mixing valve seals, uncoupling and waterproofing membrane and drain assembly.

Waterproofing Membrane

Model	Description
Schluter®-KERDI	Polyethylene waterproofing membrane covered on both sides with a fleece webbing to anchor the membrane in ceramic tile thin-set mortar. The 8 mil-thick [(0.008 in.)(0.203 mm)] membrane is available in a width of 39 in. (1 m) or 78 in. (2 m) and in various lengths.
Schluter®-KERDI-DS	Polyethylene waterproofing membrane covered on both sides with a fleece webbing to anchor the membrane in ceramic tile thin-set mortar. The 20 mil-thick [(0.020 in.)(0.508 mm)] membrane is available in a width of 39 in. (1 m) and in various lengths.
Schluter®-DITRA	Polyethylene waterproofing membrane with a grid structure of square cavities on the top side, each square cut back in a dovetail configuration, and fleece laminated to underside of the membrane to anchor the membrane in ceramic tile thin-set mortar. The 1/8-in. thick (3.2 mm) membrane is available in a width of 39 in. (1 m) and in various lengths.

Schluter®-DITRA-XL	Identical to the Schluter®-DITRA except that the thickness of the membrane is 5/18-in. (7 mm) thick.
Schluter®-DITRA-HEAT	Polypropylene membrane with a cut-back stud structure and an anchoring fleece laminated to the underside. The thickness of the mat, including the stud structure is 1/4 in. (5.5 mm). The stud structure is specifically designed to secure DITRA-HEAT-E-HK electric-floor heating cable in place.
Schluter®-DITRA-HEAT-TB	Polypropylene membrane with a cut-back stud structure and a thermal break/sound attenuation anchoring fleece laminated to the underside. The thickness of the mat, including the stud structure is 5/16 in. (7.8 mm). The stud structure is specifically designed to secure DITRA-HEAT-E-HK electric-floor heating cable in place.
Schluter®-DITRA-HEAT-DUO	Polypropylene membrane with a cut-back stud structure and a thermal break/sound attenuation anchoring fleece laminated to the underside. The thickness of the mat, including the stud structure is 5/16 in. (7.8 mm). The stud structure is specifically designed to secure DITRA-HEAT-E-HK electric-floor heating cable in place.

The following accessories are used with either of the membranes listed above:

KERDI-BAND: Strips used as seaming tape to seal butt or corner joints, 4 mils thick [(0.004 in.)(0.102 mm)], range from 5 to 10 in. (127 to 254 mm) in width, and come in various lengths.

KERDI-FLEX: Flexible strips used to seal expansion or flexible edge joints, 12 mils thick [(0.012 in.)(0.305 mm)], range from 5 to 10 in. (127 to 254 mm) in width, and come in various lengths.

KERDI-KERECK-F: Preformed inside and outside corners are 4 mils thick [(0.004 in.)(0.102 mm)]

KERDI-KERS /-B: Preformed left and right corners are 4 mils thick [(0.004 in.)(0.102 mm)]

KERDI-SEAL-PS/-MV: Preformed circular cut membrane with santoprene gasket used to seal protrusions, 4 mils thick [(0.004 in.)(0.102 mm)]

KERDI-DF 32: Preformed flashing collar to be clamped in place after applying a bead of KERDI-FIX or equivalent sealant on the drain body, 20 mils thick [0.020 in (0.5 mm)].

Tileable Shower Receptors and Shower Kits

Schluter - KERDI-Shower -T (Tray with center drain placement)		
Model	Dimensions	Perimeter Height
KST965/1525	38" x 60"	1 1/8"
KST1220/1525	48" x 60"	1 3/32"
KST1220/1830	48" x 72"	1 1/4"
KST 1525	60" x 60"	1 3/16"
KST1830	72" x 72"	1 1/4"

Schluter - KERDI-Shower -TS (Tray with off-center drain placement)		
Model	Dimensions	Perimeter Height
KST965/1525S	38" x 60"	1 1/8"

Schluter - KERDI-Shower -TT (Thin Tray)		
Model	Dimensions	Perimeter Height
KST965/810BF	32" x 38"	29/32"
KST915/1220BF	36" x 48"	1"
KST915BF	36" x 36"	7/8"
KST965BF	38" x 38"	29/32"
KST1220BF	48" x 48"	1"
KST965NA/BF	38" x 38"	1 1/32"

Schluter - KERDI-Shower -LT (Tray with center linear drain placement)		
Model	Dimensions	Perimeter Height
KSLT1000	39" x 39"	1 1/4"
KSLT1220	48" x 48"	1 3/8"
KSLT1395	55" x 55"	1 7/16"

Schluter - KERDI-Shower -LTS (Tray with PERIMETER linear drain placement)		
Model	Dimensions	Perimeter Height
KSLT1000S	39" x 39"	1 21/32"
KSLT1220S	48" x 48"	1 13/16"
KSLT1395S	55" x 55"	2"
KSLT915/1395S	36" x 55"	2"
KSLAT915/1830S	36" x 72"	2 5/16"
KSLT965/1930S	38" x 76"	2 3/8"
KSLT1930/965S	76" x 38"	1 5/8"

Schluter - KERDI-Shower – Ramp	
Model	Dimensions
KSR305/1220	12" x 48"

Drains

Schluter® KERDI-DRAIN

Drain-Kit Model	Drain-Kit Description
KD2 / *** / **	Any 4-inch or 6-inch grate in SS 304 or anodized aluminum to be used with any 2-inch Schluter® Drain
KD3 / *** / **	6-inch grate in SS 304 to be used with any 3-inch Schluter® Drain
KD2FLK***	2-inch drain
KD2FLKABS	2-inch ABS
KD2FLKABS10	2-inch ABS (10)
KD2FLKE	2-inch stainless steel
KD2FLKETH	2-inch stainless steel threaded
KD2FLKPVC	2-inch PVC
KD2FLKPVC10	2-inch PVC (10)
KD3FLK***	3-inch drain
KD3FLKABS	3-inch ABS
KD3FLKE	3-inch stainless steel
KD3FLKPVC	3-inch PVC
KD4GRK***	4-inch drain
KD4GRKAKGB	4-inch brushed copper
KD4GRKAMGB	4-inch brushed brass
KD4GRKATGB	4-inch brushed nickel
KD4GRKE	4-inch stainless steel
KD4GRKE10	4-inch stainless steel (10)
KD4GRKECG	KERDI-DRAIN Grate Kit 4" CLASSIC GOLD DES1
KD4GRKECS	4-inch tilable
KD4GRKEOB	4-inch oil-rubbed bronze
KD4GRKEP	4-inch chrome
KD4GRKERG	KERDI-DRAIN Grate Kit 4" ROSE GOLD DES1

KD4GRKET	KERDI-DRAIN Grate Kit 4" NICKEL DES1
KD4GRKEVG	KERDI-DRAIN Grate Kit 4" VINTAGE GOLD DES1
KD4GRKMBW	KERDI-DRAIN Grate Kit 4" MBW DES1
KD4GRKMGS	KERDI-DRAIN Grate Kit 4" MGS DES1
KD4GRKTSB	KERDI-DRAIN Grate Kit 4" TSB DES1
KD4GRKTSBG	KERDI-DRAIN Grate Kit 4" TSBG DES1
KD4GRKTSC	KERDI-DRAIN Grate Kit 4" TSC DES1
KD4GRKTSDA	KERDI-DRAIN Grate Kit 4" TSDA DES1
KD4GRKTSG	KERDI-DRAIN Grate Kit 4" TSC DES1
KD4GRKTSI	KERDI-DRAIN Grate Kit 4" TSI DES1
KD4GRKTSLA	KERDI-DRAIN Grate Kit 4" TSLA DES1
KD4GRKTSOB	KERDI-DRAIN Grate Kit 4" TSOB DES1
KD4GRKTSR	KERDI-DRAIN Grate Kit 4" TSR DES1
KD4GRKTSSG	KERDI-DRAIN Grate Kit 4" TSSG DES1
KD6GRK***	6-inch drain
KD6GRKE	6-inch stainless steel
KD6GRKECG	KERDI-DRAIN Grate Kit 6" CLASSIC GOLD DES1
KD6GRKEP	6-inch chrome
KD6GRKERG	KERDI-DRAIN Grate Kit 6" ROSE GOLD DES1
KD6GRKET	KERDI-DRAIN Grate Kit 6" NICKEL DES1
KD6GRKEVG	KERDI-DRAIN Grate Kit 6" VINTAGE GOLD DES1
KD6GRKMBW	KERDI-DRAIN Grate Kit 6" MBW DES1
KD6GRKMGS	KERDI-DRAIN Grate Kit 6" MGS DES2
KD6GRKRE	6-inch round stainless steel
KD6GRKTSB	KERDI-DRAIN Grate Kit 6" TSB DES1
KD6GRKTSBG	KERDI-DRAIN Grate Kit 6" TSBG DES1
KD6GRKTSC	KERDI-DRAIN Grate Kit 6" TSC DES1
KD6GRKTSDA	KERDI-DRAIN Grate Kit 6" TSDA DES1
KD6GRKTSG	KERDI-DRAIN Grate Kit 6" TSG DES1
KD6GRKTSI	KERDI-DRAIN Grate Kit 6" TSI DES1
KD6GRKTSLA	KERDI-DRAIN Grate Kit 6" TSLA DES1
KD6GRKTSOB	KERDI-DRAIN Grate Kit 6" TSLA DES1
KD6GRKTSR	KERDI-DRAIN Grate Kit 6" TSR DES1
KD6GRKTSSG	KERDI-DRAIN Grate Kit 6" TSSG DES1
KDF2EFL	2" KERDI-DRAIN-F flange stainless steel no-hub
KDF2ETHFL	2" KERDI-DRAIN-F flange stainless steel threaded
KDF2FL	2" KERDI-DRAIN-F flange polypropylene
KDGIF10EBD5/GR	Floral Grate 4-inch in brushed stainless steel
KDGIF10EBD6/GR	Curve Grate 4-inch in brushed stainless steel
KDGIF10EBD8/GR	Pure Grate 4-inch in brushed stainless steel
KDH2 FLK ABS	ABS Flange package with shower system seals and corners
KDH2 FLK PVC	PVC Flange package with shower system seals and corners
KDH2/ABS/FL	ABS Flange only
KDH2/PVC/FL	PVC Flange only
KDIF4GRK***	4-inch drain
KDIF4GRKEBCGD5	KERDI-DRAIN Grate Kit 4" BR CLASSIC GOLD FLORAL
KDIF4GRKEBCGD6	KERDI-DRAIN Grate Kit 4" BR CLASSIC GOLD CURVE
KDIF4GRKEBCGD8	KERDI-DRAIN Grate Kit 4" BRUSHED STN STEEL PURE
KDIF4GRKEBD5	4-inch brushed stainless steel floral
KDIF4GRKEBD6	4-inch brushed stainless steel curve

KDIF4GRKEBD8	4-inch brushed stainless steel pure
KDIF4GRKEBRGD5	KERDI-DRAIN Grate Kit 4" BR ROSE GOLD FLORAL
KDIF4GRKEBRGD6	KERDI-DRAIN Grate Kit 4" BR ROSE GOLD CURVE
KDIF4GRKEBRGD8	KERDI-DRAIN Grate Kit 4" BR ROSE GOLD PURE
KDIF4GRKEBTD5	KERDI-DRAIN Grate Kit 4" BRUSHED NICKEL FLORAL
KDIF4GRKEBTD6	KERDI-DRAIN Grate Kit 4" BRUSHED NICKEL CURVE
KDIF4GRKEBTD8	KERDI-DRAIN Grate Kit 4" BRUSHED NICKEL PURE
KDIF4GRKEBVG5	KERDI-DRAIN Grate Kit 4" BR VINTAGE GOLD FLORAL
KDIF4GRKEBVG6	KERDI-DRAIN Grate Kit 4" BR VINTAGE GOLD CURVE
KDIF4GRKEBVG8	KERDI-DRAIN Grate Kit 4" BR VINTAGE GOLD PURE
KDIF4GRKMBWD5	KD FLORAL Grate Kit 4" MBW
KDIF4GRKMBWD6	KD CURVE Grate Kit 4" MBW
KDIF4GRKMBWD8	KD PURE-NA Grate Kit 4" MBW
KDIF4GRKMGS5	KD FLORAL Grate Kit 4" MGS
KDIF4GRKMGS6	KD CURVE Grate Kit 4" MGS
KDIF4GRKMGS8	KD PURE-NA Grate Kit 4" MGS
KDIF4GRKTSB5	KD FLORAL Grate Kit 4" TSBD
KDIF4GRKTSB6	KD CURVE Grate Kit 4" TSBD
KDIF4GRKTSB8	KD PURE Grate Kit 4" TSBD
KDIF4GRKTSBG5	KD FLORAL Grate Kit 4" TSBG
KDIF4GRKTSBG6	KD CURVE Grate Kit 4" TSBG
KDIF4GRKTSBG8	KD PURE-NA Grate Kit 4" TSBG
KDIF4GRKTS5	KD FLORAL Grate Kit 4" TSC
KDIF4GRKTS6	KD CURVE Grate Kit 4" TSC
KDIF4GRKTS8	KD PURE-NA Grate Kit 4" TSC
KDIF4GRKTSAD5	KD FLORAL Grate Kit 4" TSDA
KDIF4GRKTSAD6	KD CURVE Grate Kit 4" TSDA
KDIF4GRKTSAD8	KD PURE Grate Kit 4" TSDA
KDIF4GRKTS5	KD FLORAL Grate Kit 4" TSG
KDIF4GRKTS6	KD CURVE Grate Kit 4" TSG
KDIF4GRKTS8	KD PURE Grate Kit 4" TSG
KDIF4GRKTSID5	KD FLORAL Grate Kit 4" TSI
KDIF4GRKTSID8	KD CURVE Grate Kit 4" TSI
KDIF4GRKTSLAD5	KD FLORAL Grate Kit 4" TSLA
KDIF4GRKTSLAD6	KD CURVE Grate Kit 4" TSLA
KDIF4GRKTSLAD8	KD PURE Grate Kit 4" TSLA
KDIF4GRKTSOBD5	KD FLORAL Grate Kit 4" TSOB
KDIF4GRKTSOBD6	KD CURVE Grate Kit 4" TSOB
KDIF4GRKTSOBD8	KD PURE-NA Grate Kit 4" TSOB
KDIF4GRKTSRD5	KD FLORAL Grate Kit 4" TSR
KDIF4GRKTSRD6	KD CURVE Grate Kit 4" TSR
KDIF4GRKTSRD8	KD PURE Grate Kit 4" TSR
KDIF4GRKTS5	KD FLORAL Grate Kit 4" TSSG
KDIF4GRKTS6	KD CURVE Grate Kit 4" TSSG
KDIF4GRKTS8	KD PURE-NA Grate Kit 4" TSSG
KDIF4GRKTSID6	KD CURVE Grate Kit 4" TSI

Suffixes: Size / Flange Material / Drain Grate Finish

KD2 = 2 inch drain

KDF2 = 2 inch floor drain

KDH2	=	2 inch horizontal drain
KD3	=	3 inch drain
KD4	=	4 inch drain grate
KDIF4	=	4 inch drain grate invisible frame
KD6	=	6 inch drain grate
KDA5	=	5-1/4 inch drain adapter
KDA7	=	7-1/4 inch drain adapter
ABS	=	ABS flange
PVC	=	PVC flange
FL	=	Flange kit without waterproofing accessories
FLK	=	Flange kit with waterproofing accessories
GRK	=	Grate kit
6E	=	6" stainless steel square grate
6RE	=	6" stainless steel round grate
AMGB	=	4" Brushed brass anodized aluminum square grate
ATGB	=	4" Brushed nickel anodized aluminum square grate
AKGB	=	4" Brushed copper/bronze anodized aluminum square grate
CG	=	Classic gold
D5	=	Curve design
D6	=	Floral design
D8	=	Pure design
E	=	stainless steel in drain flange and/or 4" stainless steel square grate
EB	=	stainless steel brushed grate finish
ECS	=	4" Stainless steel square tileable covering support
EP	=	stainless steel polished finish to have a chrome appearance
ETH	=	stainless steel drain flange with threaded outlet
MBW	=	Matte white
MGS	=	Matte black
RG	=	Rose gold
T	=	Nickel
TSB	=	Beige
TSBG	=	Greige
TSC	=	Cream
TSDA	=	Dark Anthracite
TSG	=	Pewter
TSI	=	Ivory
TSLA	=	Light Anthracite
TSOB	=	Bronze
TSR	=	Rustic Brown
TSSG	=	Stone grey
VG	=	Vintage gold

Schluter®-KERDI-LINE

Model No.	Description
KL1AR19EBCGXX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KL1AR19EBRGXX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KL1AR19EBTXX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KL1AR19EBVGXX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KL1AR19EBXX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KL1AR19EPXX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KL1AR19MBWXX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KL1AR19MGSXX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KL1AR19TSBGXX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KL1AR19TSBXX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KL1AR19TSCXX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KL1AR19TSDAXX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KL1AR19TSGXX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KL1AR19TSIXX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KL1AR19TSLAXX	Solid Grate Assemblies with 19 mm High Adjustable Frame

KL1AR19TSOBXX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KL1AR19TSRXX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KL1AR19TSSGXX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KL1AR30EBCGXX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KL1AR30EBRGXX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KL1AR30EBTXX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KL1AR30EBVGXX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KL1AR30EBXX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KL1AR30MBWXX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KL1AR30MGSXX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KL1AR30TSBGXX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KL1AR30TSBXX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KL1AR30TSCXX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KL1AR30TSDAXX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KL1AR30TSGXX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KL1AR30TSIXX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KL1AR30TSLAXX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KL1AR30TSOBXX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KL1AR30TSRXX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KL1AR30TSSGXX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KL1B19EBCGXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B19EBRGXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B19EBTXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B19EBVGXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B19EBXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B19EPXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B19MBWXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B19MGSXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B19TSBGXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B19TSBXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B19TSCXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B19TSDAXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B19TSGXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B19TSIXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B19TSLAXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B19TSOBXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B19TSRXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B19TSSGXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1B30EBCGXX	Perforated Grate Assemblies with 30 mm High Adjustable Frame
KL1B30EBRGXX	Perforated Grate Assemblies with 30 mm High Adjustable Frame
KL1B30EBTXX	Perforated Grate Assemblies with 30 mm High Adjustable Frame
KL1B30EBVGXX	Perforated Grate Assemblies with 30 mm High Adjustable Frame
KL1B30EBXX	Perforated Grate Assemblies with 30 mm High Adjustable Frame
KL1B30MBWXX	Perforated Grate Assemblies with 30 mm High Adjustable Frame
KL1B30MGSXX	Perforated Grate Assemblies with 30 mm High Adjustable Frame
KL1B30TSBGXX	Perforated Grate Assemblies with 30 mm High Adjustable Frame
KL1B30TSBXX	Perforated Grate Assemblies with 30 mm High Adjustable Frame
KL1B30TSCXX	Perforated Grate Assemblies with 30 mm High Adjustable Frame
KL1B30TSDAXX	Perforated Grate Assemblies with 30 mm High Adjustable Frame
KL1B30TSGXX	Perforated Grate Assemblies with 30 mm High Adjustable Frame

KL1B30TSIXX	Perforated Grate Assemblies with 30 mm High Adjustable Frame
KL1B30TSLAXX	Perforated Grate Assemblies with 30 mm High Adjustable Frame
KL1B30TSOBXX	Perforated Grate Assemblies with 30 mm High Adjustable Frame
KL1B30TSRXX	Perforated Grate Assemblies with 30 mm High Adjustable Frame
KL1B30TSSGXX	Perforated Grate Assemblies with 30 mm High Adjustable Frame
KL1BL19EBCGXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1BL19EBRGXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1BL19EBTXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1BL19EBVGXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1BL19EBXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1BL19EPXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1BL19MBWXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1BL19MGSXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1BL19TSBGXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1BL19TSBXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1BL19TSCXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1BL19TSDAXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1BL19TSGXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1BL19TSIXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1BL19TSLAXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1BL19TSOBXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1BL19TSRXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1BL19TSSGXX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KL1DREXX	Tileable Frame-less Grates
KL1DROEXX	Tileable Frame-less Grates
KL1FE23EBCGXX	Floral Grate assemblies with 23 mm high adjustable frame
KL1FE23EBRGXX	Floral Grate assemblies with 23 mm high adjustable frame
KL1FE23EBTXX	Floral Grate assemblies with 23 mm high adjustable frame
KL1FE23EBVGXX	Floral Grate assemblies with 23 mm high adjustable frame
KL1FE23EBXX	Floral Grate assemblies with 23 mm high adjustable frame
KL1FE23MBWXX	Floral Grate assemblies with 23 mm high adjustable frame
KL1FE23MGSXX	Floral Grate assemblies with 23 mm high adjustable frame
KL1FE23TSBGXX	Floral Grate assemblies with 23 mm high adjustable frame
KL1FE23TSBXX	Floral Grate assemblies with 23 mm high adjustable frame
KL1FE23TSCXX	Floral Grate assemblies with 23 mm high adjustable frame
KL1FE23TSDAXX	Floral Grate assemblies with 23 mm high adjustable frame
KL1FE23TSGXX	Floral Grate assemblies with 23 mm high adjustable frame
KL1FE23TSIXX	Floral Grate assemblies with 23 mm high adjustable frame
KL1FE23TSLAXX	Floral Grate assemblies with 23 mm high adjustable frame
KL1FE23TSOBXX	Floral Grate assemblies with 23 mm high adjustable frame
KL1FE23TSRXX	Floral Grate assemblies with 23 mm high adjustable frame
KL1FE23TSSGXX	Floral Grate assemblies with 23 mm high adjustable frame
KL1FF23EBCGXX	Curve Grate assemblies with 23mm high adjustable frame
KL1FF23EBRGXX	Curve Grate assemblies with 23mm high adjustable frame
KL1FF23EBTXX	Curve Grate assemblies with 23mm high adjustable frame
KL1FF23EBVGXX	Curve Grate assemblies with 23mm high adjustable frame
KL1FF23EBXX	Curve Grate assemblies with 23mm high adjustable frame
KL1FF23MBWXX	Curve Grate assemblies with 23mm high adjustable frame
KL1FF23MGSXX	Curve Grate assemblies with 23mm high adjustable frame
KL1FF23TSBGXX	Curve Grate assemblies with 23mm high adjustable frame

KL1FF23TSBXX	Curve Grate assemblies with 23mm high adjustable frame
KL1FF23TSCXX	Curve Grate assemblies with 23mm high adjustable frame
KL1FF23TSDAXX	Curve Grate assemblies with 23mm high adjustable frame
KL1FF23TSGXX	Curve Grate assemblies with 23mm high adjustable frame
KL1FF23TSIXX	Curve Grate assemblies with 23mm high adjustable frame
KL1FF23TSLAXX	Curve Grate assemblies with 23mm high adjustable frame
KL1FF23TSOBXX	Curve Grate assemblies with 23mm high adjustable frame
KL1FF23TSRXX	Curve Grate assemblies with 23mm high adjustable frame
KL1FF23TSSGXX	Curve Grate assemblies with 23mm high adjustable frame
KL1FG23EBCGXX	Pure Grate assemblies with 23mm high adjustable frame
KL1FG23EBRGXX	Pure Grate assemblies with 23mm high adjustable frame
KL1FG23EBTXX	Pure Grate assemblies with 23mm high adjustable frame
KL1FG23EBVGXX	Pure Grate assemblies with 23mm high adjustable frame
KL1FG23EBXX	Pure Grate assemblies with 23mm high adjustable frame
KL1FG23MBWXX	Pure Grate assemblies with 23mm high adjustable frame
KL1FG23MGSXX	Pure Grate assemblies with 23mm high adjustable frame
KL1FG23TSBGXX	Pure Grate assemblies with 23mm high adjustable frame
KL1FG23TSBXX	Pure Grate assemblies with 23mm high adjustable frame
KL1FG23TSCXX	Pure Grate assemblies with 23mm high adjustable frame
KL1FG23TSDAXX	Pure Grate assemblies with 23mm high adjustable frame
KL1FG23TSGXX	Pure Grate assemblies with 23mm high adjustable frame
KL1FG23TSIXX	Pure Grate assemblies with 23mm high adjustable frame
KL1FG23TSLAXX	Pure Grate assemblies with 23mm high adjustable frame
KL1FG23TSOBXX	Pure Grate assemblies with 23mm high adjustable frame
KL1FG23TSRXX	Pure Grate assemblies with 23mm high adjustable frame
KL1FG23TSSGXX	Pure Grate assemblies with 23mm high adjustable frame
KL1V60EXX	Bonding Flange with Standard 2" threaded or no-hub outlet
KL1VO60EXX	Bonding Flange with Standard 2" threaded or no-hub outlet
KLAR 19 EB XX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KLAR 19 EP XX	Solid Grate Assemblies with 19 mm High Adjustable Frame
KLAR 30 EB XX	Solid Grate Assemblies with 30 mm High Adjustable Frame
KLB 19 EB XX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KLB 19 EP XX	Perforated Grate Assemblies with 19 mm High Adjustable Frame
KLB 30 EB XX	Perforated Grate Assemblies with 30mm High Adjustable Frame
KLDRE XX	Tileable Frame-less Grates
KLDROE XX	Tileable Frame-less Grates
KLIFE 23 EB XX	Floral Grate assemblies with 23mm high adjustable frame
KLIF 23 EB XX	Curve Grate assemblies with 23mm high adjustable frame
KLIFG 23 EB XX	Pure Grate assemblies with 23mm high adjustable frame
KLV 60 E XX	Bonding Flange with Standard 2" threaded or no-hub outlet
KLVO 60 E XX	Bonding Flange with Standard 2" threaded or no-hub outlet

Suffixes: XX represents but is not limited to any of the following lengths: 50 cm, 60 cm, 70 cm, 80 cm, 90 cm, 100 cm, 110 cm, 120 cm, 130 cm, 140 cm, 150 cm, 160 cm, 170 cm, 180 cm

With the exception of KLVO60E, KL1VO60E, KLDROE and KL1DROE where the lengths are: 70 cm, 80 cm, 90 cm, 100 cm, 110 cm, 120 cm

Conditions of Listing:

1. Shower floors must be sloped toward the drain.
2. Where each shower space is not provided with an individual waste outlet, the waste outlet must be located and the floor pitched so that waste from one shower does not flow over the floor area serving another shower.
3. Application is limited to ceramic tile, decorative concrete, granite slab and dimension stone installations on floors, and to use as shower sub-pans or lining.
4. Waterproof membrane must be a Schluter® KERDI or DITRA model as described in ICC-ES ESR 2467, or an approved equivalent. Documentation of the waterproof membrane's conformance with ANSI A118.10 must be supplied to the code official when requested, or the membrane must have a current listing by ICC-ES.
5. Where installation is below the floor decking, the drain can be oriented parallel or perpendicular to any floor joists. Cutting or notching must be in accordance with the applicable code.
6. The DITRA-HEAT-E-HK heating cables sets are certified under CSA File 269513, UL file #KQYZ.E496874 and cUL file #KQYZ7.E496874 and are outside the scope of this report.
7. The Schluter® Shower System components under a quality control program with annual inspection conducted by ICC-ES.