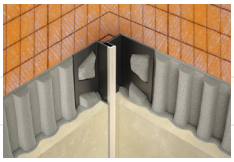
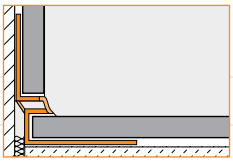
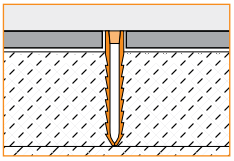
MOVEMENT JOINTS AND COVE-SHAPED PROFILES

INNOVATIVE SOLUTIONS FOR CERAMIC AND STONE TILE

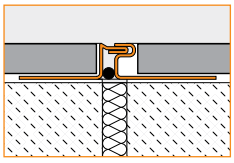
MAINTENANCE-FREE MOVEMENT ACCOMMODATION AND COVE TREATMENT

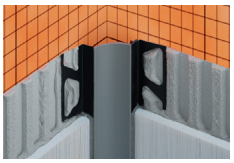
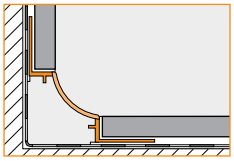
4.13 Schluter®-DILEX-EKE



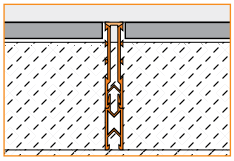
4.4 Schluter®-DILEX-MOP



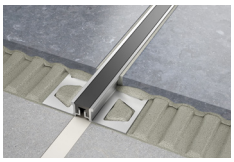
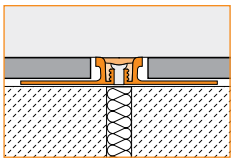
4.16 Schluter®-DILEX-EDP

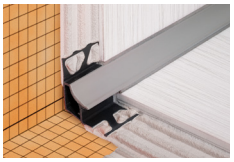
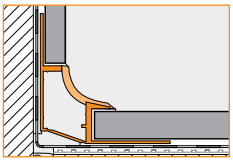
4.12 Schluter®-DILEX-HKW



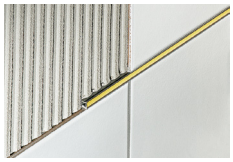
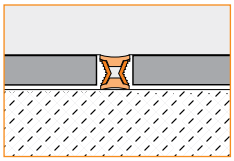
4.3 Schluter®-DILEX-MP/-MPV

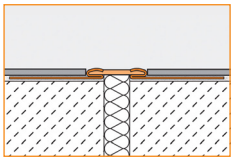
4.8 Schluter®-DILEX-KSN

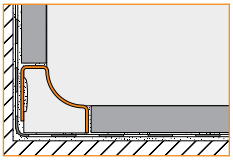
4.11 Schluter®-DILEX-HK

4.1 Schluter®-DILEX-EZ 6+9



4.8 Schluter®-DILEX-EKSB



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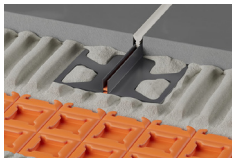
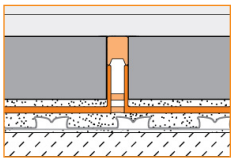

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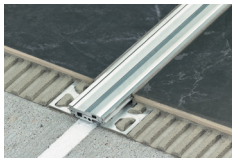
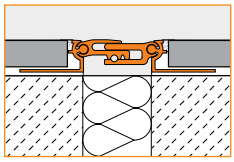
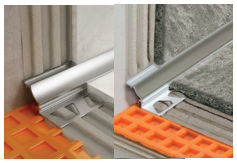
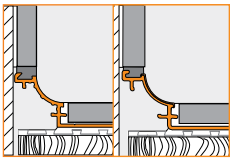
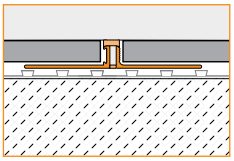



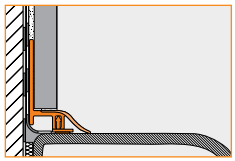
4.20 Schluter®-DILEX-BT

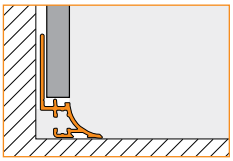
4.21 Schluter®-DILEX-AHK/-PHK



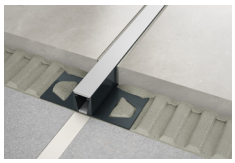
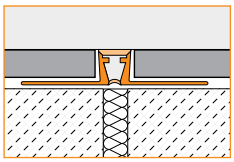
4.7 Schluter®-DILEX-BWS



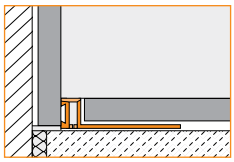
4.10 Schluter®-DILEX-AS



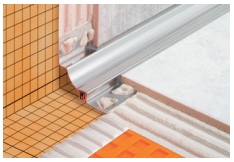
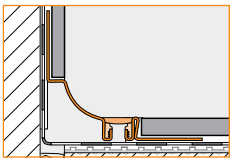
4.22 Schluter®-DILEX-AHKA

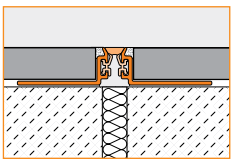
4.6 Schluter®-DILEX-BWB



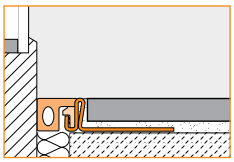
4.9 Schluter®-DILEX-BWA

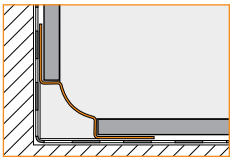
4.15 Schluter®-DILEX-HKS



4.18 Schluter®-DILEX-AKWS



4.9 Schluter®-DILEX-KSA



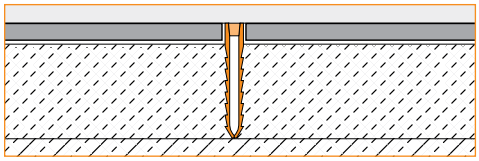
4.15 Schluter®-DILEX-EHK

Movement joints are an integral part of any tile assembly. The various components of a tile assembly (tile, mortar, substrate, etc.) expand and contract according to each component's intrinsic physical properties with changes in moisture, temperature, and loading, resulting in internal stresses. Furthermore, structures that restrain overall expansion of the tile field (walls, columns, etc.) cause stress buildup within the system. If the aforementioned movements are not accommodated through the use of movement joints in the tile field and at restraining structures, the resulting stresses can cause cracking of the grout and tile and delamination of the tile from the substrate. Thus, movement joints are an essential component of any durable tile assembly. Schluter®-Systems' prefabricated movement joint profiles accommodate movement and protect tile edges, resulting in a permanent, maintenance-free installation. The family of Schluter®-DILEX prefabricated movement profiles includes a variety of shapes, sizes, and materials to suit different applications.

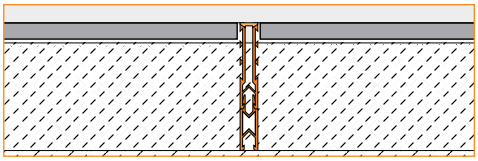
Application and Function

Mortar Bed Joint Profiles

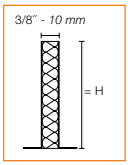
DILEX screed joint profiles (DILEX-MOP and DILEX-MP/-MPV) are designed to provide movement joints in tile installations that are set in a mortar bed (e.g., ceramic tile, natural stone, pavers, and agglomerate tile). These profile systems are placed to produce individual fields in the assembly and feature flexible central zones to accommodate movement. DILEX mortar bed joint profiles may also be inserted in saw-cut joints or wider joints; for example, in the case of renovations. The remaining joint between the tile and the profile must be filled completely with grout or epoxy. The side sections of the profiles, made of rigid PVC, protect the edges of the adjacent covering against mechanical stresses caused by industrial traffic. However, where heavy mechanical stresses are anticipated, limitations of the PVC as edge protection must be considered.



4.4 Schluter®-DILEX-MOP is available in three different heights and features stable serrated sidewalls made of rigid PVC and a central movement zone made of soft PVC. The side sections are made with environmentally friendly recycled PVC and may vary slightly in color. Since the side sections are partially exposed at the surface, DILEX-MOP is intended mainly for industrial use.



4.3 Schluter®-DILEX-MP adjusts to the thickness of the mortar bed and tile surface by attaching the DILEX-MPV extensions. The profile features a central movement zone made of soft chlorinated polyethylene (CPE), which overlaps the recycled rigid PVC side sections by approximately 1/32" *(1 mm)*, thus providing a more aesthetically pleasing exposed surface when compared to DILEX-MOP.



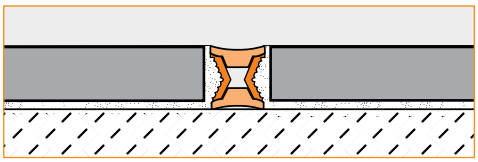
9.1 Schluter®-DILEX-DFP is a movement joint profile for installation at door areas or to divide screed surfaces.

Height: 2-3/8" *(6 cm)*
3-1/8" *(8 cm)*
4" *(10 cm)*

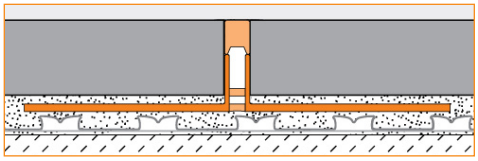
Surface Joint Profiles

Surface joints must be placed within the tiled surface regardless of substrate conditions. They provide stress relief from movements in the tile field due to thermal and moisture expansion/contraction and loading. Schluter®-Systems offers a wide variety of prefabricated, maintenance-free surface movement joint profiles, suitable for applications ranging from residential to heavy commercial.

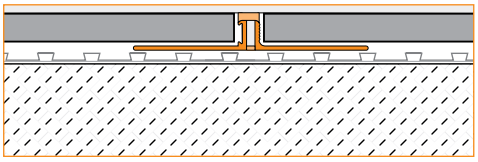
Residential to Medium-duty Commercial Applications



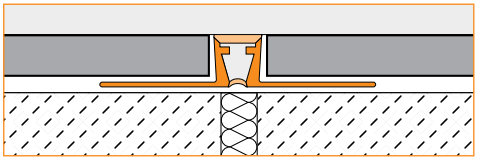
4.1 Schluter®-DILEX-EZ 6 + 9 feature rigid PVC side walls, which are connected on top and bottom by soft PVC movement zones that form the visible surfaces. These profiles separate individual fields in the tile covering and accommodate movement through the soft PVC movement zones. Each profile features two usable surfaces in different colors for increased design options. One surface of the profile features the PVC movement zone in a solid color, while the other surface features a brass or chrome inlay embedded in the PVC movement zone. DILEX-EZ 6 and 9 are flexible and can be used to form curves. The height, "H", of DILEX-EZ 6 is 1/4" *(6 mm)*; the height, "H", of DILEX-EZ 9 is 11/32" *(9 mm)*.



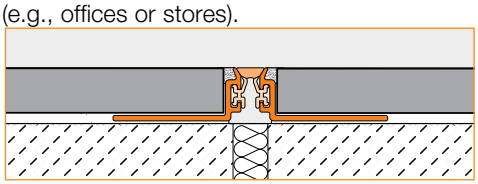
4.23 Schluter®-DILEX-F is a surface joint profile with rigid PVC anchoring legs that protect tile edges and a 1/8" (*3 mm*)-wide, soft silicone movement zone that separates individual fields in the tile covering and forms the visible surface. DILEX-F features the ability to remove and replace its inlay with different colors. The movement zone is only 1/8" (*3 mm*) wide, matching common grout joint widths. DILEX-F is suitable for both residential and medium-duty commercial applications subject to light mechanical loads (e.g., offices and stores).



4.7 Schluter®-DILEX-BWS features trapezoid-perforated anchoring legs, made of recycled rigid PVC, which are secured in the mortar bond coat and provide edge protection for adjacent tiles. The profile separates individual fields in the tile covering and accommodates movement via the soft chlorinated polyethylene (CPE) movement zone, which also forms the visible surface. The movement zone is only 3/16" *(5 mm)* wide, matching common grout joint widths. The profile absorbs relatively limited movements, given the width of the movement zone. This should be taken into account when evaluating the requirements for a specific application. If larger movements within the covering are anticipated, the DILEX-BWS may be installed with greater frequency to create smaller fields, or the DILEX-BWB (3/8", *10 mm* movement zone) may be used. DILEX-BWS is suitable for both residential and medium-duty commercial applications subject to light mechanical loads (e.g., offices and stores).

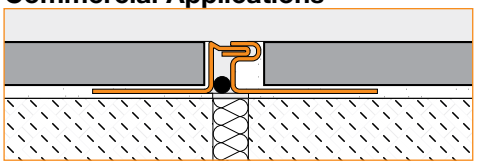


4.6 Schluter®-DILEX-BWB features trapezoid-perforated anchoring legs, made of recycled rigid PVC, which are secured in the mortar bond coat and provide edge protection for adjacent tiles. The profile separates individual fields in the tile covering and accommodates movement via the soft chlorinated polyethylene (CPE) movement zone, which also forms the visible surface. The movement zone is 3/8" *(10 mm)* wide, matching common movement joint widths, and is thus capable of accommodating relatively large movements. DILEX-BWB is suitable for both residential use and medium-duty commercial applications subject to light mechanical loads (e.g., offices or stores).

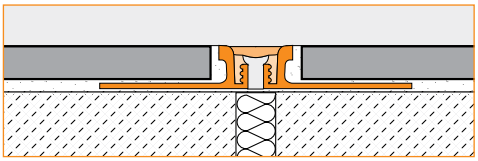


4.18 Schluter®-DILEX-AKWS features trapezoid-perforated anchoring legs, made of aluminum, which are secured in the mortar bond coat and provide edge protection for adjacent tiles. The profile separates individual fields in the tile covering and accommodates movement via the 1/4" *(6 mm)*-wide, soft PVC movement zone, which also forms the visible surface. The soft PVC movement zone is connected to the anchoring legs with rigid PVC grip bars and is not replaceable. DILEX-AKWS is suitable for both residential use and medium-duty commercial applications, such as areas subject to moderate mechanical stresses, including light vehicular traffic. In addition, DILEX-AKWS prevents sound bridges, making it ideal for use in sound-rated floors.

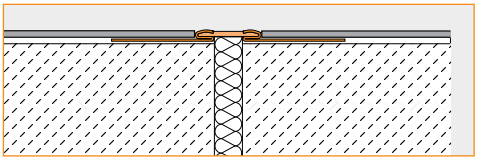
Heavy-duty Commercial Applications



4.16 Schluter®-DILEX-EDP features trapezoid-perforated anchoring legs, made of stainless steel, which are secured in the mortar bond coat and provide edge protection for adjacent tiles. The profile separates individual fields in the tile covering and accommodates horizontal movement via the stainless steel tongue-and-groove connection, which also forms the visible surface. Because the profile is designed to absorb horizontal movement only, appropriate measures must be taken to prevent the screed from moving vertically. In its base position, the visible width of the DILEX-EDP profile is 15/32" *(12 mm)*. The profile is particularly suited for tile surfaces subject to heavy use. DILEX-EDP offers secure edge protection for surfaces exposed to continuous vehicular traffic and is, therefore, suited for use in production plants, warehouses, shopping centers, and underground parking garages, or for floor surfaces maintained with cleaning machines.

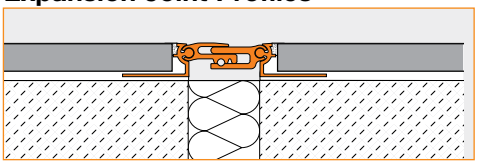


4.8 Schluter®-DILEX-KSN features trapezoid-perforated anchoring legs, made of stainless steel or aluminum, which are secured in the mortar bond coat and provide edge protection for adjacent tiles. The profile separates individual fields in the tile covering and accommodates movement via the 7/16" *(11 mm)*-wide, soft thermoplastic rubber movement zone, which also forms the visible surface. The thermoplastic rubber movement zone can be replaced if damaged. DILEX-KSN, with stainless steel anchoring legs, offers secure edge protection for surfaces exposed to heavy-duty commercial traffic (e.g., warehouses, production facilities, or shopping malls).

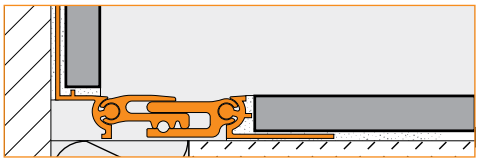


Schluter®-DILEX-EKSB, featuring stainless steel anchoring legs, is available in 3/32" *(2.5 mm)*, 3/16" *(4.5 mm)*, and 1/4" *(6 mm)* heights to accommodate thinner floor coverings (e.g., VCT flooring or coatings). DILEX-EKSB is appropriate for residential to medium-duty commercial applications. **Note:** The thermoplastic rubber movement zone for DILEX-EKSB is not replaceable.

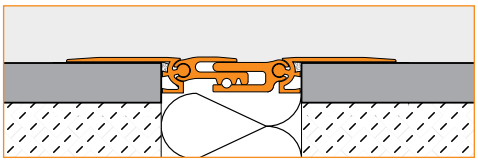
Expansion Joint Profiles



4.20 Schluter®-DILEX-BT features trapezoid-perforated anchoring legs, made of anodized aluminum, which are secured in the mortar bond coat and provide edge protection for adjacent tiles against mechanical stresses. The anchoring legs can also be integrated into the mortar bed for other covering materials, such as carpeting or VCT. Therefore, the profile can move together with the respective covering assembly. The 1-3/16" *(30 mm)*-wide telescopic center section absorbs movements of ±7/32" *(5 mm)*. The lateral pivot joints allow for the absorption of three-dimensional movement. DILEX-BT offers secure edge protection for surfaces exposed to foot traffic as well as vehicular traffic and is, therefore, suited for use in warehouses, production facilities, shopping centers, airports, train stations, and parking garages, or for coverings cleaned with machines.



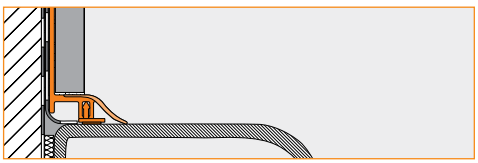
Schluter®-DILEX-BT/O, one variation of the profile, can be used to create expansion joints at floor/wall transitions. A second variation,



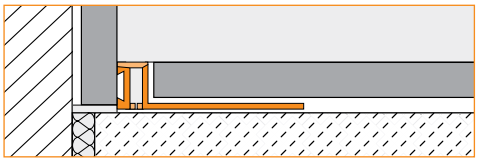
Schluter®-DILEX-BTS is added to completed surface coverings. The profile can be inserted into existing joint spaces. The joints must be at least 1-3/4" *(44 mm)* wide and 3/8" *(10 mm)* deep.

Perimeter Joint Profiles

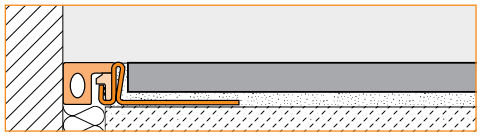
Perimeter joints are provided at restraining elements to accommodate movements attributable to changes in moisture, temperature, and loading. DILEX perimeter movement joints are specifically designed to provide the flexible connection of tiled surfaces to fixed building elements (e.g., bathtubs, shower trays, countertops, and door and window frames) and prevent sound bridges, thereby reducing sound transmission.



4.10 Schluter®-DILEX-AS features a trapezoid-perforated anchoring leg, made of rigid PVC, which is secured in the mortar bond coat beneath the tiles, and a flexible joining leg with self-adhesive tape to bond the profile to fixed building elements. The profile isolates the tile covering from the fixed building element and accommodates movement via the flexible joining leg, which also forms the visible surface. The profile does not replace waterproofing. Required waterproofing must be installed prior to the installation of the profile. DILEX-AS also prevents sound bridges, making it ideal for transitions in sound-rated floors. Accessories include matching end caps and inside corners.
Note: DILEX-AS is suitable for tiles 3/16" to 3/8" *(4 mm - 10 mm)* thick.



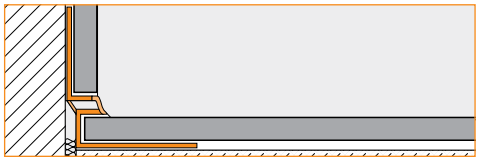
4.9 Schluter®-DILEX-BWA features a trapezoid-perforated anchoring leg, made of recycled rigid PVC, which is secured in the mortar bond coat, and a dovetailed channel, made of recycled rigid PVC, which can be bonded to fixed building elements (e.g., door and window frames, bathtubs and shower trays, countertops, etc.) using Schluter®-KERDI-FIX, epoxy resin, silicone, tile adhesive, etc. The profile isolates the tile covering from the structure and accommodates movement via the 3/16" *(5 mm)*-wide soft chlorinated polyethylene (CPE) movement zone, which also forms the visible surface. The lower CPE movement zone is slit to maximize the absorption of movement. DILEX-BWA also prevents sound bridges, making it ideal for transitions in sound-rated floors.



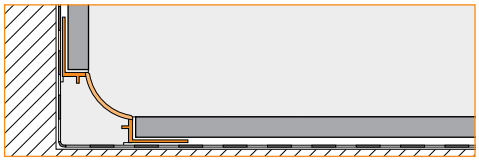
4.9 Schluter®-DILEX-KSA features a trapezoid-perforated anchoring leg, made of stainless steel or aluminum, which is secured in the mortar bond coat and provides edge protection for adjacent tiles, and a self-adhesive backing strip which can be bonded to fixed building elements (e.g., door and window frames, bathtubs and shower trays, countertops, etc.). The profile isolates the tile covering from the structure and accommodates movement via the 3/8" *(10 mm)*-wide, soft thermoplastic rubber movement zone, which also forms the visible surface. The thermoplastic rubber movement zone can be replaced if damaged. DILEX-KSA uses the same anchoring leg as DILEX-KSN to allow for the same appearance throughout an installation. DILEX-KSA also prevents sound bridges, making it ideal for transitions in sound-rated floors.

Cove-shaped Profiles

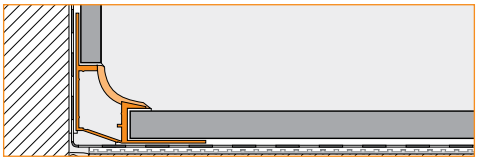
Ceramic cove base represents a neat, hygienic method for treating transitions by providing a curved surface that prevents the collection of dirt and is easy to clean. However, the limited availability of ceramic trim pieces has resulted in the use of sealant and caulk to treat such transitions. These joints must be continually maintained throughout the life of the installation. DILEX cove-shaped profiles provide an attractive, clean, and maintenance-free alternative for inside wall corners and floor/wall (including countertop/backsplash) transitions. They also allow the use of any tile line, regardless of the availability of trim pieces.



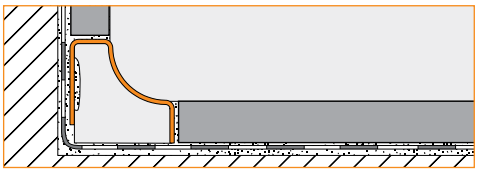
4.13 Schluter®-DILEX-EKE features trapezoid-perforated anchoring legs, made of recycled rigid PVC, which are secured in the mortar bond coat. The profile separates tile fields that meet at inside corners and accommodates movement via the 3/16" *(5 mm)*-wide soft chlorinated polyethylene (CPE) movement zone, which forms the visible surface and creates a discrete, uniform joint. DILEX-EKE prevents surface water penetration and features a tile pocket that hides cut tile edges. In addition, it prevents sound bridges, making it ideal for floor/wall transitions in sound-rated floors.



4.12 Schluter®-DILEX-HKW features trapezoid-perforated anchoring legs, made of recycled rigid PVC, which are secured in the mortar bond coat, and a rigid PVC cove section that accommodates minor movements and forms the visible surface. The profile's 11/16" *(18 mm)* radius prevents the accumulation of dirt and makes cleaning simple. The profile separates tile fields that meet at inside corners where limited movement is expected. DILEX-HKW prevents surface water penetration and meets the maintenance and hygienic requirements of commercial kitchens, bathrooms, and food-processing plants, or any tiled environment where a sanitary cove base is desired. DILEX-HKW features anchoring legs with equal "U" dimensions and is, therefore, ideal for floor/wall transitions where floor and wall tiles are the same thickness. Accessories for the DILEX-HKW include: inside and outside corners, and end caps.

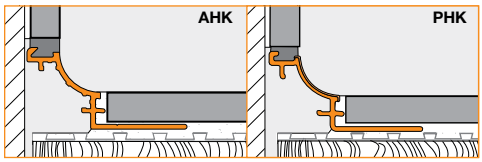


4.11 Schluter®-DILEX-HK features trapezoid-perforated anchoring legs, made of recycled rigid PVC, which are secured in the mortar bond coat. The profile separates tile fields that meet at inside corners and accommodates movement via the soft chlorinated polyethylene (CPE) cove-shaped movement zone that forms the visible surface. DILEX-HK provides an 11/16" *(18 mm)* radius to prevent the accumulation of dirt and to make cleaning simple. DILEX-HK prevents surface water penetration and meets the maintenance and hygienic requirements of commercial kitchens, bathrooms, food-processing plants, or any tiled environment where a sanitary cove base is desired. It accommodates wall and floor tiles of dissimilar thicknesses and features a tile pocket that hides cut tile edges. DILEX-HK integrates with DILEX-HKW where cove trim for inside wall corners is desired. In addition, DILEX-HK prevents sound bridges, making it ideal for floor/wall transitions in sound-rated floors. Accessories for the DILEX-HK include: inside and outside corners, connectors, and end caps.

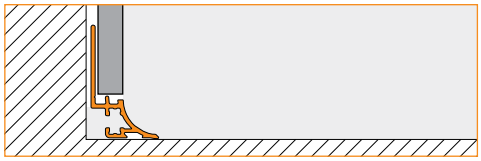


4.22 Schluter®-DILEX-HKU features a single trapezoid-perforated anchoring leg that turns inward, which is secured in the mortar bond coat, and a stainless steel cove section that forms the visible surface. The profile's 3/8" *(10 mm)* or 1-13/32" *(36 mm)* radius prevents the accumulation of dirt and makes cleaning simple. The profile separates tile fields that meet at inside corners where limited movement is expected. DILEX-HKU may be used with floor coverings other than ceramic and stone

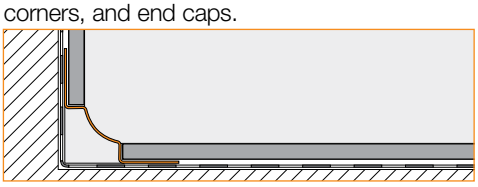
tile, provided that the coverings are fastened or adhered (i.e., no floating floors). DILEX-HKU prevents surface water penetration and meets the maintenance and hygienic requirements of commercial kitchens, bathrooms, food-processing plants, or any tiled environment where a sanitary cove is desired. Accessories available for the DILEX-HKU include inside and outside corners, connectors, and end caps.



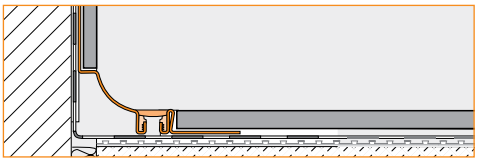
4.21 Schluter®-DILEX-AHK/-PHK features a single trapezoid-perforated anchoring leg, which is secured in the mortar bond coat and a cove section that forms the visible surface. The profile's 3/8" *(10 mm)* radius makes DILEX-AHK/-PHK an attractive option for countertop/backsplash transitions, as it prevents the accumulation of dirt and makes cleaning simple. The profile separates tile fields that meet at inside corners where limited movement is expected. DILEX-AHK/-PHK prevents surface water penetration and meets the maintenance and hygienic requirements of commercial kitchens, bathrooms, and food-processing plants, or any tiled environment where a sanitary cove base is desired. DILEX-AHK is available in anodized aluminum and textured color-coated aluminum, while DILEX-PHK is made of rigid PVC with a pre-colored, rigid PVC cove section. Accessories for DILEX-AHK/-PHK include: inside and outside corners, connectors, and end caps. Outside corners to integrate with Schluter®-QUADEC are available for DILEX-AHK only.



4.22 Schluter®-DILEX-AHKA is an anodized aluminum, cove-shaped profile for transitions between walls to be tiled and previously finished floors. The profile features a single trapezoid-perforated anchoring leg that is secured in the mortar bond coat and a dovetailed channel, which can be bonded to floor surfaces using Schluter®-KERDI-FIX, epoxy resin, silicone, thin-set mortar, etc. A 3/8" *(10 mm)* radius cove section forms the visible surface and prevents the accumulation of dirt, making cleaning simple. DILEX-AHKA prevents surface water penetration and meets the maintenance and hygienic requirements of commercial kitchens, bathrooms, and food-processing plants, or any tiled environment where a sanitary cove base is desired. DILEX-AHKA integrates with the DILEX-AHK and Schluter®-RONDEC profiles at 90° inside and outside vertical wall corners, respectively. Accessories for DILEX-AHKA include 90° and 135° inside and outside corners, and end caps.



4.15 Schluter®-DILEX-EHK features trapezoid-perforated anchoring legs, made of stainless steel, which are secured in the mortar bond coat, and a stainless steel cove section that forms the visible surface. The profile's 23/32" *(18.5 mm)* radius prevents the accumulation of dirt and makes cleaning simple. The profile separates tile fields that meet at inside corners where limited movement is expected.



4.15 Schluter®-DILEX-HKS features a soft, thermoplastic rubber movement zone that is attached to the profile via rigid rubber grip bars to absorb larger movements at floor/wall transitions and at inside wall corners. DILEX-EHK and DILEX-HKS prevent surface water penetration and meet the maintenance and hygienic requirements of commercial kitchens, bathrooms, food-processing plants, and hospitals, or any tiled environment where a sanitary cove base is desired. Accessories for both DILEX-EHK and DILEX-HKS include: inside and outside corners, connectors, and end caps. 90° outside mitered corner accessory sets available for DILEX-HKS for ease of installation.

Material Properties and Areas of Application

DILEX profiles are resistant to most chemicals encountered in tiled environments. In special cases, the suitability of a proposed type of profile must be verified based on the anticipated chemical, mechanical, and/or other stresses. Exceptions and special considerations are listed below:

Stainless steel profiles are roll-formed, resulting in a slightly different contour from those made of extruded brass or aluminum. Stainless steel can sustain high mechanical stresses and is particularly well suited for applications requiring resistance against chemicals and acids; for example in the food industry, breweries, dairies, commercial kitchens, and hospitals, as well as in residential applications. Typically, the profiles are formed using stainless steel 304 (1.4301 = V2A). For more severe chemical exposure, such as de-icing salts and chemicals used in swimming pools, we recommend the use of stainless steel 316 L (1.4404 = V4A), which offers even higher corrosion resistance than the 304. Even stainless steel cannot withstand all chemical exposures, such as hydrochloric acid, hydrofluoric acid or certain chlorine, chloride and brine concentrations. Both stainless steel 304 and stainless steel 316 L are approved for use in exterior applications. Stainless steel 304 is not as corrosion resistant as 316 L; however, profiles in stainless steel 304 are acceptable for exterior use as long as the intended area is not susceptible to de-icing salts, chlorine, or saltwater.

Aluminum profiles must be tested to verify their suitability if chemical stresses are anticipated. Cementitious materials, in conjunction with moisture, become alkaline. Since aluminum is sensitive to alkaline substances, exposure to the alkali (depending on the concentration and duration of exposure) may result in corrosion (aluminum hydroxide formation). Therefore, it is important to remove mortar or grout residue from visible surfaces. In addition, ensure that the profile is solidly embedded in the setting material and that all cavities are filled to prevent the collection of alkaline water.

Anodized aluminum profiles feature an anodized layer that retains a uniform appearance during normal use, but is not color-stable in exterior applications. The surface is susceptible to scratching and wear and may be damaged by grout or setting material. Therefore, these materials must be removed immediately. Otherwise, the description regarding aluminum applies.

Textured color-coated aluminum is pretreated (chromated) aluminum that is color-coated with a polyurethane powder coat. The coating is color-stable, UV-resistant, and suitable for exterior use. Protect the profile against abrasion or scratching.

Thermoplastic rubber inserts are highly resistant to chemicals and can withstand chemical stresses typically encountered in tile coverings. The insert is resistant to aging, weather, UV-rays, and ozone within a temperature range of -76 °F *(-60 °C)* to 212 °F *(100 °C)*. Thermoplastic elastomers can be connected by welding if profiles are joined to produce longer lengths.

CPE movement zones contain no softeners, are UV-resistant, and can withstand exposure

to weather. They are resistant to fungi and bacteria and are, therefore, suitable for use around food. The CPE material is also resistant to a number of acids, alkalis, oils, greases, and solvents. DILEX movement joint profiles with CPE movement zones may be used in swimming pools and the surrounding areas.
PVC movement zones are UV-resistant, though not permanently color-stable, in exterior applications. **PVC** profiles are made of pre-colored, rigid PVC that resists bending or scratching. The material is UV-resistant, though not permanently color-stable, in exterior applications.

Fluorinated, platinum-cured silicone inlays are treated with a low friction coating that prevents the accumulation of dust and contaminates. The material has a Shore hardness of 60.

Due to variations in raw materials and manufacturing, the exact color, shade, and/or texture of individual profiles may vary. The customer must inspect the products upon delivery and notify Schluter in writing of any physical damage to the products or nonconformity with the purchase order or invoice.

Cutting Profiles

Observe all safety instructions and standards as directed by the cutting tool manufacturer, including protective eyewear, hearing protection, and gloves.
Always measure carefully and dry fit the profiles, corners, and connectors to ensure proper fit and alignment prior to setting tile.

Plastic profiles may be cut using Schluter®-SNIPS or similar. It is important to make sure the blade is sharp to ensure a clean cut.

Aluminum profiles may be cut using any of the following options:
- **Hacksaw** with a bimetal blade and the highest teeth per inch (TPI) available.
- **Variable-Speed Angle Grinder** set to the lowest speed using the Schluter®-PROCUT-TSM cutting wheel.
- **Chop saw or Miter Saw** with a non-ferrous blade.

Regardless of the cutting tool used, remove any burrs from the cut end of the profile with a file or similar before installation.

Stainless steel profiles may be cut using any of the following options:
- **Variable-Speed Angle Grinder** set to the lowest speed using the Schluter®-PROCUT-TSM cutting wheel.
- **Band Saw** with a metal cutting blade.

Regardless of the cutting tool used, remove any burrs from the cut end of the profile with a file or similar before installation.

Installation

Mortar Bed Joint Profiles

MOP, and MP/MPV
1. Select profile height according to the height of the assembly.
   Note: for DILEX-MP, attach necessary snap-on extensions (-MPV).
2. Set the profile flush against the edge area of an already completed field. The profile must be completely embedded laterally.
3. Install tiles for the adjacent field flush to the profile surface. The profile must be completely embedded laterally.
4. Fill the remaining joint between the profile and the covering completely with grout or setting material.

Installation note on joint repair:
Prepare the joint's width and depth appropriately and insert profile into joint. Fill joint space between profile and covering completely with grout, epoxy, or thin-set mortar.

DFP
1. Install DILEX-DFP between BEKOTEC panels at door areas, for dividing screed surfaces and where the covering meets walls or restraining surfaces as desired.

Note: The separation of screed surfaces using DILEX-DFP can prevent sound bridges.

Surface Joint Profiles

EZ
1. Select DILEX-EZ 6 or DILEX-EZ 9 according to tile thickness. For tile thicknesses greater than 11/32" *(9 mm)*, DILEX-EZ 9 must be back-buttered with thin-set mortar.
2. Set tiles up to the point where DILEX-EZ is to be installed. Apply thin-set mortar to tile edges. The profile must align directly with movement joints in the substrate below. Press the profile against the tile edge and flush with the tile surface so that the ribbed, hourglass-shaped section is completely embedded in the mortar.
3. For the next row of tiles, apply thin-set mortar to the side wall of the DILEX-EZ profile already in place; then press the tiles against the profile so that they are flush with the profile surface.
4. DILEX-EZ may be installed with or without a small joint to the adjacent tile.

F
1. Select profile according to tile thickness and format. Cut tile edges should be avoided. Use rectified or factory tile edges along this profile.
2. Using a notched trowel, apply thin-set mortar over the area where the profile is to be placed.
3. Press the perforated anchoring legs of the profile into the mortar and align.
4. Trowel additional thin-set mortar over the perforated anchoring legs to ensure full coverage and support of the tile edges. Remove excess thin-set along the vertical portion of the profile to avoid see page.
5. Solidly embed the tiles so that the tiled surface is flush with the top of the orange protective cover and the tile edge is in direct contact with the profile. No gap should be left between the tile and the profile.
6. Grouting can be done before or after removal of the orange protective cover and installation of the inlay. Avoid grouting over the inlay and protective cover to reduce cleaning time. Grout is not used along this profile edge.
7. Using a screwdriver or similar, pry and peel up the orange protective cover. Scrape away any hardened cementitious material for the tile edge above the carrier profile using the provided tool. Vacuum up the debris.
8. Starting at one end, press the first few inches of inlay into the carrier profile and use the provided tool to press the inlay in. Water can be used to lubricate the inlay and carrier profile for easier installation.

Note: Supplemental information and instructions are required for this product. Refer to the product page, illustrated instruction sticker and video for support with installation.

BWS, BWB, EDP, KSN, and AKWS
1. Select profile according to tile thickness and format.
2. Using a notched trowel, apply thin-set mortar over the area where the profile is to be placed. The profile must align directly with movement joints in the substrate below.
3. Press the perforated anchoring legs of the profile into the mortar and align.
4. Trowel additional thin-set mortar over the perforated anchoring legs to ensure full coverage and support of the tile edges.
5. Solidly embed the tiles so that the tiled surface is flush with the top of the profile; the profile should not be higher than the tiled surface, but rather up to approx. 1/32" *(1 mm)* lower.
6. A joint of approximately 1/16" - 1/8" *(1.5 - 3 mm)* should be left between the tile and the profile.
7. Fill the joint completely with grout or setting material.

EKSB

1. Select Schluter®-DILEX-EKSB according to the floor covering thickness.
2. Apply a suitable adhesive over the area where the profile is to be placed. The adhesive must secure the profile and prevent the anchoring legs from telegraphing through the floor covering. Suitability of the adhesive may depend on the particular floor covering used; consult Schluter®-Systems for more information. The profile must align directly with movement joints in the substrate below.
3. Press the perforated anchoring legs of the DILEX-EKSB into the adhesive and align. Clean or degrease the anchoring legs as required.
4. Install floor covering material per manufacturer's instructions so that the surface is flush with the top of the profile; the profile must not be higher than the surface, but rather up to approx. 1/32" (1 mm) lower.

Expansion Joint Profiles

BT/BTO/BTS

1. Select profile according to tile thickness and format.
2. Using a notched trowel, apply thin-set mortar over the area where the profile is to be placed. The profile must align directly with movement joints in the substrate below.
3. Press the perforated anchoring legs of the profile into the mortar and align.
4. Trowel additional thin-set mortar over the perforated anchoring legs to ensure full coverage and support of the tile edges.
5. Solidly embed the tiles so that the tiled surface is flush with the top of the profile; the profile should not be higher than the tiled surface, but rather up to approx. 1/32" *(1 mm)* lower.
6. For DILEX-BT, the tile is set to the integrated joint spacer, which ensures a uniform joint of 1/16" - 1/8" *(1.5 - 3 mm)*.
7. Fill the joint completely with grout or setting material; remove the protective foil from DILEX-BT.
8. For DILEX-BTO the installation of the profile on the wall and ceiling surfaces is essentially equivalent to floor applications.
9. DILEX-BTS can be inserted into existing joint spaces. The joints must be at least 1-3/4" *(44 mm)* wide and 3/8" *(10 mm)* deep. The lateral anchoring legs are adhered to the existing covering with a suitable adhesive (e.g., epoxy resin) or mechanically fastened to the covering with the appropriate screws.

Perimeter Joint Profiles

AS

1. Thoroughly clean the contact area on adjoining fixtures where DILEX-AS will be positioned.
2. Using a notched trowel, apply the thin-set mortar over the area where the trapezoid-perforated anchoring leg will be placed.
3. Remove the paper from the self-adhesive tape. Apply Schluter®-KERDI-FIX or silicone sealant parallel and adjacent to self-adhesive tape. Press the profile with self-adhesive tape against the fixture in such a way that the perforated anchoring leg can also be pressed into the applied thin-set mortar.
4. Install inside corners and end caps with KERDI-FIX or silicone prior to setting tiles.
5. Trowel additional thin-set mortar over the perforated anchoring leg to ensure full coverage.
6. A joint of approx. 1/16" - 1/8" *(1.5 - 3 mm)* should be left between the tile and the profile.
7. Fill the joint completely with grout or setting material.

BWA and KSA

1. Select profile according to tile thick-ness and format.
2. Using a notched trowel, apply thin-set mortar over the area where the profile is to be placed.
3. If necessary, fill the dovetailed channel of DILEX-BWA with KERDI-FIX, epoxy resin, silicone, or similar to adhere the profile to the existing structure. Remove film from self-adhesive backing strip on DILEX-KSA.
4. Press the perforated anchoring leg of the profile into the mortar and adjust it securely against the existing building elements.
5. Trowel additional thin-set mortar over the perforated anchoring leg to ensure full coverage and support of the tile edges.
6. Solidly embed the tiles and align flush with the top of the profile.
7. A joint of approx. 1/16" - 1/8" *(1.5 - 3 mm)* should be left between the tile and the profile.
8. Fill the joint completely with grout or setting material.

Cove-shaped Profiles

EKE, HKW, HK, HKU, PHK, AHK, AHKA, EHK, and HKS

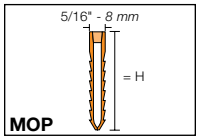
1. Select profile according to tile thickness and format.
   Note: For DILEX-HK and DILEX-EKE, profile height, "U", must allow insertion of the tile into the tile pocket; for example, select "U 12" for a tile thick-ness between approx. 3/8" *(10 mm)* and 7/16" *(11 mm)*. DILEX-HKU with 3/8" *(10 mm)* radius may be used with 1/4" *(6 mm)* and thicker tiles. DILEX-HKU with 1-13/32" *(36 mm)* radius may be used with 5/16" *(8 mm)* and thicker tiles.
2. Using a notched trowel, apply thin-set mortar over the area where the trapezoid-perforated anchoring legs will be placed.
   Note: If necessary, fill the dovetailed channel of DILEX-AHKA with KERDI-FIX, epoxy resin, silicone, thin-set mortar or similar to adhere the profile to the existing floor surface.
   Note: When using thicker tiles with DILEX-HKU, apply additional mortar behind the anchoring leg.
3. Press the perforated anchoring leg(s) of the profile into the mortar.
4. Install inside and outside corners, connectors and end caps prior to setting tile. The use of thin-set mortar or similar may be required to achieve a proper fit. Prior to application, any contact-inhibiting substances (e.g. grease, etc.) must be removed. The connectors should overlap the profiles by a least 3/8" *(10 mm)*.
   Notes:
   Internal connectors for DILEX-HKU are inserted prior to profile installation. Leave approximately a 1/2" (12.5 mm) space between the adjacent profiles. This space will be covered by the surface-applied connectors.
   DILEX-EHK/HKS/HKU accessories are applied using a permanently elastic, waterproof adhesive (e.g. KERDI-FIX or silicone).
5. Trowel additional thin-set mortar where the tiles are to be installed.
6. Solidly embed the tiles, ensuring full coverage and support of the tile edges, and align flush with the top of the profile, leaving a joint of approximately 1/16" – 1/8" *(1.5 - 3 mm)* between the tile and the profile.
   Note: For DILEX-HK and DILEX-EKE, insert floor tile into the tile pocket. For DILEX-AHK, set tile to the integrated joint spacer, which ensures a uniform joint of 1/16" – 1/8" *(1.5 – 3 mm)* between the tile and the profile.
7. Fill the joints completely with grout or setting material.

Maintenance

DILEX profiles require no special maintenance or care and are resistant to mold and fungi. Clean profiles periodically using pH neutral cleaning agents. Avoid the use of strong acids (e.g., hydrochloric or hydrofluoric) and base/alkaline cleaners (e.g., bleach, ammonium chlorides). Do not use abrasive cleaning agents and tools.

Even **stainless steel** requires periodic cleaning, which will maintain a neat appearance and reduce the risk of corrosion. Stainless steel surfaces develop a sheen when treated with a chrome polishing agent. Oxidation films on exposed **solid brass** or **aluminum** can be removed by using a conventional polishing agent, but the film will form again.
The **thermoplastic rubber** inserts in DILEX-KSN/-KSA/-HKS are replaceable, with the exception of -EKSB.

Product Item Numbers
Mortar Bed Joint Profiles

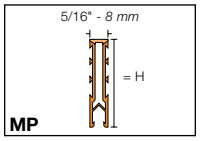


4.4 Schluter®-DILEX-MOP

H = mm - *in.*	Item No.
35 - *1-3/8*	MOP 35 G
50 - *2*	MOP 50 G
65 - *2-5/8*	MOP 65 G

Length supplied: 8' 2-1/2" — *2.5 m*

Note: Available in grey only



4.3 Schluter®-DILEX-MP

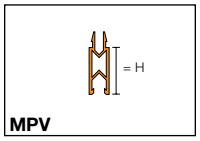
H = mm - *in.*	Item No.
35 - *1-3/8*	MP 35 *color**

Length supplied: 8' 2-1/2" — *2.5 m*

*Color Codes

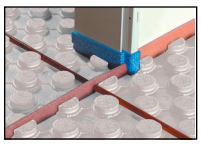
- **HB** Light beige
- **G** Grey
- **ZR** Brick red
- **GS** Black

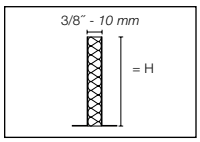
To complete the item number, add the ***color*** code (e.g., MP 35 **G**).



4.3 Schluter®-DILEX-MPV

H = mm - *in.*	Item No.
15 - *9/16*	MPV 15
25 - *1*	MPV 25



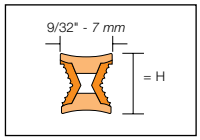


9.1 Schluter®-DILEX-DFP

H = mm - *in.*	Item No.
60 - *2-3/8*	DFP 6/100
80 - *3-1/8*	DFP 8/100
100 - *4*	DFP 10/100

Length supplied: 3' 3" - *1 m*

Surface Joint Profiles
Residential to Medium-Duty Commercial Applications



4.1 Schluter®-DILEX-EZ 6

H = mm - *in.*	Item No.
6 - *1/4*	EZ *color** 6

4.1 Schluter®-DILEX-EZ 9

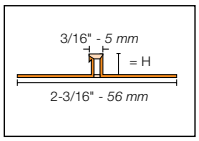
H = mm - *in.*	Item No.
9 - *11/32*	EZ *color** 9

Length supplied: 8' 2-1/2" — *2.5 m*

***Color Codes**

G Grey
CG Yellow

To complete the item number, add the *color* code (e.g., EZ M/G 6).
M/G = Brass inlay / grey
C/CG = Chrome inlay / yellow



4.7 Schluter®-DILEX-BWS

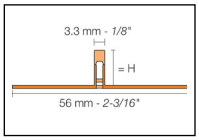
H = mm - *in.*	Item No.
4.5 - *3/16*	BWS 45 *color**
6 - *1/4*	BWS 60 *color**
8 - *5/16*	BWS 80 *color**
9 - *11/32*	BWS 90 *color**
10 - *3/8*	BWS 100 *color**
11 - *7/16*	BWS 110 *color**
12.5 - *1/2*	BWS 125 *color**

Length supplied: 8' 2-1/2" — *2.5 m*

***Color Codes**

BW Bright white
SP Sand pebble
HB Light beige
PG Classic grey
G Grey
GS Black
C Cream
SG Stone grey
FG Grout grey
DA Dark Anthracite

To complete the item number, add the *color* code (e.g., BWS 80 G).



4.23 Schluter®-DILEX-F

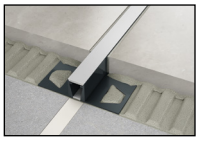
H = mm - *in.*	Item No.
9 - *11/32*	FCS 95 *color**
10 - *3/8*	FCS 100 *color**
11 - *7/16*	FCS 110 *color**
12,5 - *1/2*	FCS 125 *color**

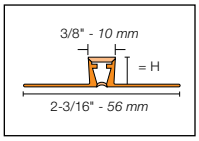
Length supplied: 8' 2-1/2" — *2.5 m*

***Color Codes**

BW Bright white
SP Sand pebble
HB Light beige
PG Classic grey
G Grey
GS Black
C Cream
SG Stone grey
FG Grout grey
DA Dark Anthracite

To complete the item number, add the *color* code (e.g., FIS 300 G).





4.6 Schluter®-DILEX-BWB

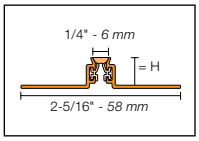
H = mm - *in.*	Item No.
6 - *1/4*	BWB 60 *color**
8 - *5/16*	BWB 80 *color**
10 - *3/8*	BWB 100 *color**
12.5 - *1/2*	BWB 125 *color**
15 - *9/16*	BWB 150 G (Grey only)
20 - *3/4*	BWB 200 G (Grey only)

Length supplied: 8' 2-1/2" — *2.5 m*

***Color Codes**

BW Bright white
SP Sand pebble
HB Light beige
PG Classic grey
G Grey
GS Black
C Cream
SG Stone grey
FG Grout grey
DA Dark Anthracite

To complete the item number, add the *color* code (e.g., BWB 80 G).
BWB 60 is not available in sand pebble (SP)



4.18 Schluter®-DILEX-AKWS

H = mm - *in.*	Item No.
8 - *5/16*	AKWS 80 *color**
9 - *11/32*	AKWS 90 *color**
10 - *3/8*	AKWS 100 *color**
11 - *7/16*	AKWS 110 *color**
12.5 - *1/2*	AKWS 125 *color**
14 - *17/32*	AKWS 140 *color**
16 - *5/8*	AKWS 160 *color**
21 - *13/16*	AKWS 210 *color**

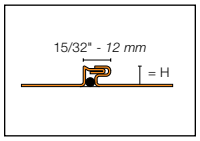
Length supplied: 8'2-1/2" — *2.5 m*

***Color Codes**

SP Sand pebble
HB Light beige
PG Classic grey
G Grey
GS Black

To complete the item number, add the *color* code (e.g., AKWS 80 G).

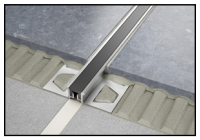
Heavy-duty Commercial Applications



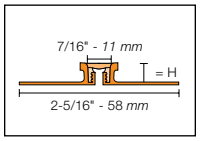
4.16 Schluter®-DILEX-EDP

H = mm - *in.*	Item No.
8 - *5/16*	EDP 80
9 - *11/32*	EDP 90
10 - *3/8*	EDP 100
11 - *7/16*	EDP 110
12.5 - *1/2*	EDP 125
14 - *17/32*	EDP 140
16 - *5/8*	EDP 160
18.5 - *23/32*	EDP 185
21 - *13/16*	EDP 210
25 - *1*	EDP 250
30 - *1-3/16*	EDP 300

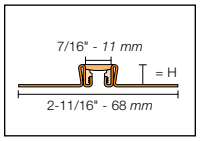
Length supplied: 8' 2-1/2" — *2.5 m*



Aluminum



Stainless steel



4.8 Schluter®-DILEX-KSN

H = mm - *in.*	Item No. Stainless steel 304 (1.4301 = V2A) (E)	Item No. Aluminum (A)
8 - *5/16*	EKSN 80 ***color****	AKSN 80 ***color****
10 - *3/8*	EKSN 100 ***color****	AKSN 100 ***color****
11 - *7/16*	EKSN 110 ***color****	AKSN 110 ***color****
12.5 - *1/2*	EKSN 125 ***color****	AKSN 125 ***color****
14 - *17/32*	EKSN 140 ***color****	AKSN 140 ***color****
16 - *5/8*	EKSN 160 ***color****	AKSN 160 ***color****
18.5 - *23/32*	EKSN 185 ***color****	-
21 - *13/16*	EKSN 210 ***color****	AKSN 210 ***color****
25 - *1*	EKSN 250 ***color****	-
30 - *1-3/16*	EKSN 300 ***color****	-

Length supplied: 8' 2-1/2" — *2.5 m*

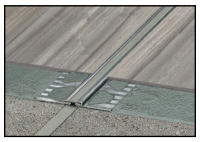
Accessories	Item No.
Rubber insert replacement	KSE / ***color****

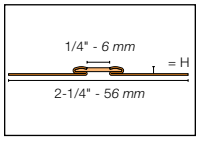
*Color Codes

SP Sand pebble · **HB** Light beige · **PG** Classic grey · **G** Grey · **GS** Black
C Cream · **SG** Stone grey · **FG** Grout grey · **DA** Dark Anthracite

To complete the item number, add the ***color*** code (e.g., EKSN 160 **PG**).

Note: DILEX-KSN is also available with stainless steel 316 L (1.4404 = V4A) anchoring legs.





4.8 Schluter®-DILEX-EKSB

H = mm - *in.*	Item No. Stainless steel 304 (1.4301 = V2A) (E)
2.5 - *3/32*	EKSB 25 ***color****
4.5 - *3/16*	EKSB 45 ***color****
6 - *1/4*	EKSB 60 ***color****

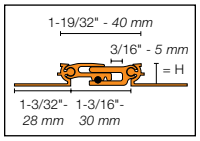
Length supplied: 8' 2-1/2" — *2.5 m*

*Color Codes

HB Light beige · **PG** Classic grey · **G** Grey · **GS** Black

To complete the item number, add the ***color*** code (e.g., EKSB 60 **G**).

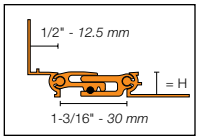
Note: DILEX-EKSB is also available with stainless steel 316 L (1.4404 = V4A) anchoring legs.



4.20 Schluter®-DILEX-BT

H = mm - *in.*	Item No. Satin anodized aluminum (AE)
8 - *5/16*	AEBT 80
10 - *3/8*	AEBT 100
12.5 - *1/2*	AEBT 125
15 - *9/16*	AEBT 150
17.5 - *11/16*	AEBT 175
20 - *3/4*	AEBT 200

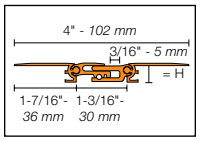
Length supplied: 8' 2-1/2" — *2.5 m*



4.20 Schluter®-DILEX-BTO

H = mm - *in.*	Item No. Satin anodized aluminum (AE)
8 - *5/16*	AEBT 80 / O 125
10 - *3/8*	AEBT 100 / O 125
12.5 - *1/2*	AEBT 125 / O 125
15 - *9/16*	AEBT 150 / O 125
17.5 - *11/16*	AEBT 175 / O 125
20 - *3/4*	AEBT 200 / O 125

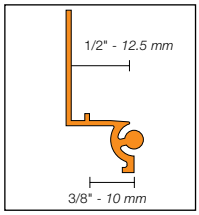
Length supplied: 8' 2-1/2" — *2.5 m*



4.20 Schluter®-DILEX-BTS

H = mm - *po.*	Item No. Satin anodized aluminum (AE)
10 - *3/8*	AEBTS 100

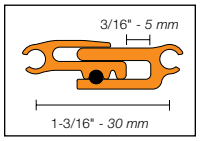
Length supplied: 8' 2-1/2" — *2.5 m*



Schluter®-DILEX-BT/OT

mm - *in.*	Item No. Satin anodized aluminum (AE)
12.5 - *1/2*	AEBTO 125

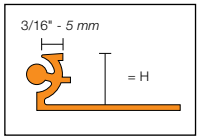
Length supplied: 8' 2-1/2" — *2.5 m*



Schluter®-DILEX-BT/-MT

mm - *in.*	Item No. Satin anodized aluminum (AE)
30 - *1-3/16*	AEBT 30 MT

Length supplied: 8' 2-1/2" — *2.5 m*

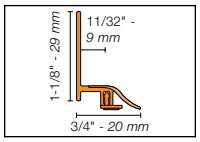


4.20 Schluter®-DILEX-BT/VT

H = mm - *in.*	Item No. Satin anodized aluminum (AE)
8 - *5/16*	AEVT 80
10 - *3/8*	AEVT 100
12.5 - *1/2*	AEVT 125
15 - *9/16*	AEVT 150
17.5 - *11/16*	AEVT 175
20 - *3/4*	AEVT 200

Length supplied: 8' 2-1/2" — *2.5 m*

Perimeter Joint Profiles



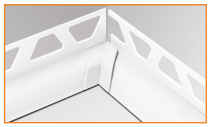
4.10 Schluter®-DILEX-AS

H = mm - *in.*	Item No.
9 - *11/32*	AS 20 BW

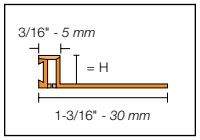
Accessories	Item No.
End cap (right)	EKR/AS 20 BW
End cap (left)	EKL/AS 20 BW
Inside corner	I/AS 20 BW
2 inside corners + 1 right end cap + 1 left end cap	EKI/AS 20 BW

Color Code

BW Bright white



Note: Suitable for tiles 3/16" to 3/8" *(4 - 10 mm)* thick.



4.9 Schluter®-DILEX-BWA

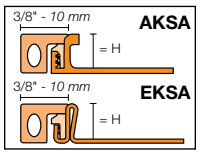
H = mm - *in.*	Item No.
4.5 - *3/16*	BWA 45 ***color****
6 - *1/4*	BWA 60 ***color****
8 - *5/16*	BWA 80 ***color****
10 - *3/8*	BWA 100 ***color****
12.5 - *1/2*	BWA 125 ***color****

Length supplied: 8' 2-1/2" — *2.5 m*

***Color Codes**

BW Bright white, **SP** Sand pebble, **HB** Light beige, **PG** Classic grey, **G** Grey, **GS** Black, **C** Cream, **SG** Stone grey, **FG** Grout grey, **DA** Dark Anthracite

To complete the item number, add the ***color*** code (e.g., BWA 80 **G**).
BWA 45 is not available in sand pebble (SP).



4.9 Schluter®-DILEX-KSA

H = mm - *in.*	Item No. Stainless steel 304 (1.4301 = V2A) (E)	Item No. Stainless steel 316 L (1.4404 = V4A) (EV4A)	Item No. Aluminum (A)
8 - *5/16*	EKSA 80 ***color****	EKSA 80 ***color****/V4A	AKSA 80 ***color****
10 - *3/8*	EKSA 100 ***color****	EKSA 100 ***color****/V4A	AKSA 100 ***color****
11 - *7/16*	EKSA 110 ***color****	-	AKSA 110 ***color****
12.5 - *1/2*	EKSA 125 ***color****	EKSA 125 ***color****/V4A	AKSA 125 ***color****
14 - *17/32*	EKSA 140 ***color****	EKSA 140 ***color****/V4A	AKSA 140 ***color****
16 - *5/8*	EKSA 160 ***color****	EKSA 160 ***color****/V4A	-
18.5 - *23/32*	EKSA 185 ***color****	-	-
21 - *13/16*	EKSA 210 ***color****	-	-
25 - *1*	EKSA 250 ***color****	-	-
30 - *1-3/16*	EKSA 300 ***color****	-	-

Length supplied: 8' 2-1/2" — *2.5 m*

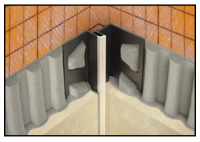
Accessories	Item No.
Rubber insert replacement	KSAE/***color****

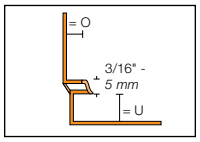
***Color Codes**

HB Light beige, **PG** Classic grey, **G** Grey, **GS** Black

To complete the item number, add the ***color*** code (e.g., EKSA 100 **HB**).

Cove-shaped Profiles





4.13 Schluter®-DILEX-EKE

Item No.
EKE U 8/O 7 *color**
EKE U 9/O 8 *color**
EKE U 11/O 10 *color**
EKE U 13/O 12 *color**
EKE U 15/O 14 *color**

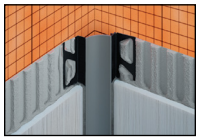
Length supplied: 8' 2-1/2" — *2.5 m*

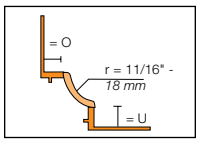
***Color Codes**

- **BW** Bright white
- **SP** Sand pebble
- **HB** Light beige
- **PG** Classic grey
- **G** Grey
- **GS** Black

To complete the item number, add the ***color*** code (e.g., EKE U8/O7 **BW**).

U:
5/16" = *8 mm*
11/32" = *9 mm*
7/16" = *11 mm*
33/64" = *13 mm*
9/16" = *15 mm*
O:
9/32" = *7 mm*
5/16" = *8 mm*
3/8" = *10 mm*
1/2" = *12 mm*
17/32" = *14 mm*





4.12 Schluter®-DILEX-HKW

Item No.
HKW U 7/O 7 *color**
HKW U 9/O 9 *color**
HKW U 11/O 11 *color**

Length supplied: 8' 2-1/2" — *2.5 m*

U:	9/32" = *7 mm*	11/32" = *9 mm*	7/16" = *11 mm*
O:	9/32" = *7 mm*	11/32" = *9 mm*	7/16" = *11 mm*

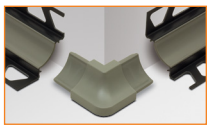
Accessories	Item No.
Outside corner	A/HKW/*color**
Inside corner (2-way)	I/HKW 2 R18 *color**
Inside corner (3-way)	I/HKW 3 R18 *color**
End cap	E/HKW/G ***(grey only)***

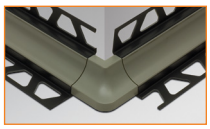
***Color Codes**

- **BW** Bright white
- **HB** Light beige
- **PG** Classic grey
- **G** Grey

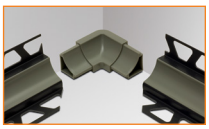
To complete the item number, add the ***color*** code (e.g., HKW U 9/O 9 **HB**).

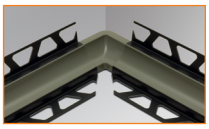
Outside Corner



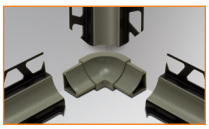


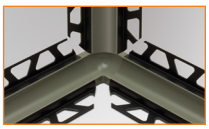
Inside Corner (2-way)



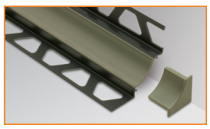


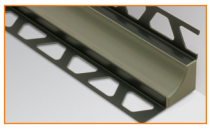
Inside Corner (3-way)

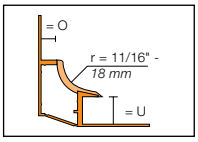




End Cap







4.11 Schluter®-DILEX-HK

Item No.
HK U 12/O 9 ***color****

Length supplied: 8' 2-1/2" — *2.5 m*

U: 1/2" = *12 mm*
O: 11/32" = *9 mm*

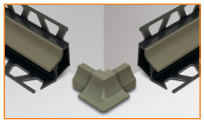
*Color Codes

BW Bright white
HB Light beige
G Grey

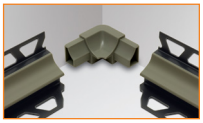
To complete the item number, add the ***color*** code (e.g., HK U 12/O 9 **BW**).

Accessories	Item No.
Outside corner	A/HK/***color****
Inside corner (2-way)	I/HK 2 R18 ***color****
Inside corner (3-way)	I/HK 3 R18 ***color****
Connector	V/HK
End cap (left)	EL/HK/G ***(grey only)***
End cap (right)	ER/HK/G ***(grey only)***

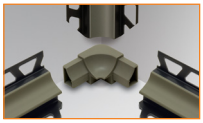
Outside Corner



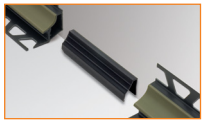
Inside Corner (2-way)



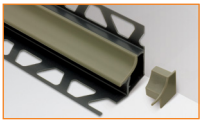
Inside Corner (3-way)

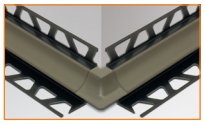


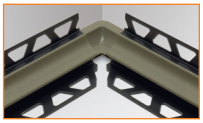
Connector

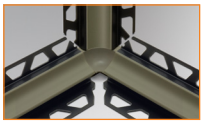


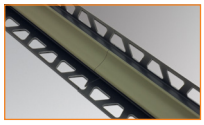
End Cap

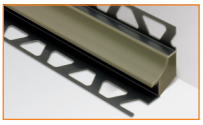


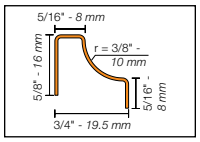








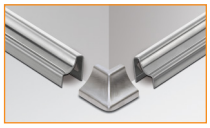




4.22 Schluter®-DILEX-HKU (10 mm - *3/8*" radius)

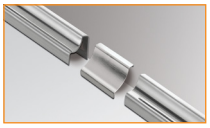
H = mm - *in.*	Item No.		
	Stainless steel 304 (1.4301 = V2A) (E)	Brushed stainless steel 304 (1.4301 = V2A) (EB)	Stainless steel 316L (1.4404 = V4A) (EV4A)
10 - *3/8*	HKUR 10 E	HKUR 10 EB	HKUR 10 E/V4A

Outside Corner



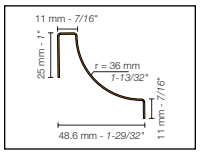
Inside Corner (2- or 3-way)

Connector



Accessories	Item No.
Outside corner 90º	EQ/HKUR 10 ***finish****
Outside corner 135º	E135/HKUR 10 ***finish****
Inside corner 90º	I/HKU 3 R 10 ***finish****
Inside corner 135º	I135/HKUR 10 ***finish****
Connector	V/HKUR 10 ***finish****

* To complete the item number, add the ***finish*** code (e.g., EQ/HKUR 10 **E**).

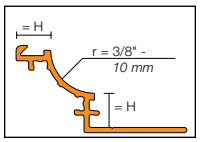


4.22 Schluter®-DILEX-HKU (36 mm - *1-13/32*" radius)

H = mm - *in.*	Item No.
	Stainless steel 304 (1.4301 = V2A) (E)
36 - *1-13/32*	HKUR 36 E

Length supplied: 8' 2-1/2" — *2.5 m*

Accessories	Item No.
Outside corner 90º	E/HKUR 36 E
Inside corner 90º	I/HKU 3 R 36 10 E
Connector	V/HKUR 36 E
End Cap	EK/HKUR 36 E



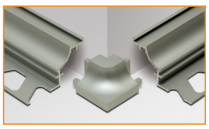
4.21 Schluter®-DILEX-AHK

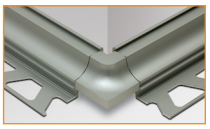
H = mm - *in.*	Item No.				
	Satin anodized aluminum (AE)	Polished chrome anodized aluminum (ACG)	Brushed chrome anodized aluminum (ACGB)	Satin nickel anodized aluminum (AT)	Polished nickel anodized aluminum (ATG)
8 - *5/16*	AHK 1S 80 AE	AHK 1S 80 ACG	AHK 1S 80 ACGB	AHK 1S 80 AT	AHK 1S 80 ATG
10 - *3/8*	AHK 1S 100 AE	AHK 1S 100 ACG	AHK 1S 100 ACGB	AHK 1S 100 AT	AHK 1S 100 ATG
12.5 - *1/2*	AHK 1S 125 AE	AHK 1S 125 ACG	AHK 1S 125 ACGB	AHK 1S 125 AT	AHK 1S 125 ATG
15 - *9/16*	-	-	-	AHK 1S 150 AT	-

H = mm - *in.*	Item No.				
	Brushed nickel anodized aluminum (ATGB)	Satin copper anodized aluminum (AK)	Polished copper anodized aluminum (AKG)	Brushed copper anodized aluminum (AKGB)	Satin brass anodized aluminum (AM)
8 - *5/16*	AHK 1S 80 ATGB	AHK 1S 80 AK	AHK 1S 80 AKG	AHK 1S 80 AKGB	AHK 1S 80 AM
10 - *3/8*	AHK 1S 100 ATGB	AHK 1S 100 AK	AHK 1S 100 AKG	AHK 1S 100 AKGB	AHK 1S 100 AM
12.5 - *1/2*	AHK 1S 125 ATGB	AHK 1S 125 AK	AHK 1S 125 AKG	AHK 1S 125 AKGB	AHK 1S 125 AM

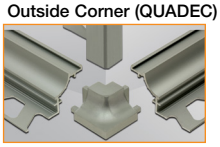
H = mm - *in.*	Item No.		
	Polished brass anodized aluminum (AMG)	Brushed brass anodized aluminum (AMGB)	Brushed graphite anodized aluminum (AGRB)
8 - *5/16*	AHK 1S 80 AMG	AHK 1S 80 AMGB	AHK 1S 80 AGRB
10 - *3/8*	AHK 1S 100 AMG	AHK 1S 100 AMGB	AHK 1S 100 AGRB
12.5 - *1/2*	AHK 1S 125 AMG	AHK 1S 125 AMGB	AHK 1S 125 AGRB
15 - *9/16*	-	-	AHK 1S 150 AGRB

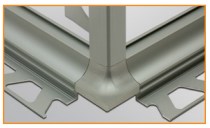
Outside Corner



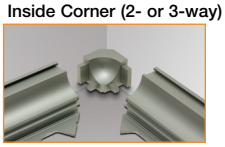


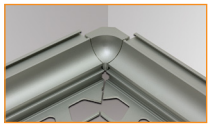
Outside Corner (QUADEC)



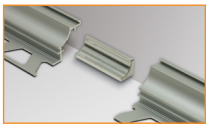


Inside Corner (2- or 3-way)

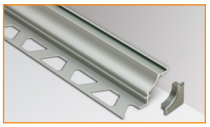




Connector



End cap



Accessories	Item No.
Outside corner, 90°	E 90/AHK 1S/*finish**
Outside corner, 90° (to match Schluter®-QUADEC profile)	E90 Q/AHK 1S/*finish**
Outside corner, 135°	E 135/AHK 1S/*finish**
Inside corner, 90°	I 90/AHK 1S/*finish**
Inside corner, 135°	I 135/AHK 1S/*finish**
Connector	V/AHK
End cap	E/AHK 1S/*finish**

* To complete the item number, add the ***finish*** code (e.g., E 90/AHK 1S/**AE**).
Note: E 90 Q (outside corner piece to match QUADEC) is only available in AE, ACG, AT, TSB, TSOB, TSC, TSDA, TSBG, TSI, TSLA, TSR, TSSG and TSG finishes.

4.21 Schluter®-DILEX-AHK

H = mm - *in.*	Item No.
	Textured color-coated aluminum (TS)
8 - *5/16*	AHK 1S 80 ***color****
10 - *3/8*	AHK 1S 100 ***color****
12.5 - *1/2*	AHK 1S 125 ***color****
15 - *9/16*	AHK 1S 150 ***color****

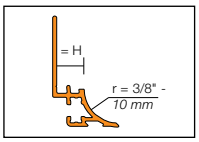
Length supplied: 8' 2-1/2" — *2.5 m*

Accessories	Item No.
	Textured color-coated aluminum (TS)
Outside corner, 90°	E 90/AHK 1S/**color***
Outside corner, 90° (to match Schluter®-QUADEC profile)	E90 Q/AHK 1S/**color***
Outside corner, 135°	E 135/AHK 1S/**color***
Inside corner, 90°	I 90/AHK 1S/**color***
Inside corner, 135°	I 135/AHK 1S/**color***
Connector	V/AHK
End cap	E/AHK 1S/**color***

*Color Codes

TSR Rustic brown
TSDA Dark anthracite
TSLA Light anthracite
TSSG Stone grey
TSC Cream
TSBG Greige
TSI Ivory
TSB Beige
TSOB Bronze
TSG Pewter

* To complete the item number, add the **color** code (e.g., Q 60 **TSC**).



4.22 Schluter®-DILEX-AHKA

H = mm - *in.*	Item No.			
	Satin anodized aluminum (AE)	Brushed chrome anodized aluminum (ACGB)	Satin nickel anodized aluminum (AT)	Brushed nickel anodized aluminum (ATGB)
8 - *5/16*	AHKA 80 AE	AHKA 80 ACGB	AHKA 80 AT	AHKA 80 ATGB
10 - *3/8*	AHKA 100 AE	AHKA 100 ACGB	AHKA 100 AT	AHKA 100 ATGB
12.5 - *1/2*	AHKA 125 AE	AHKA 125 ACGB	AHKA 125 AT	AHKA 125 ATGB
15 - *9/16*	AHKA 150 AE	AHKA 150 ACGB	AHKA 150 AT	AHKA 150 ATGB

Accessories	Item No.
Outside corner, 90º	E 90/AHKA/***finish****
Outside corner, 135º	E 135/AHKA/***finish****
Inside corner, 90º	I 90/AHKA/***finish****
Inside corner, 135º	I 135/AHKA/***finish****
End cap (Left)	EL/AHKA/***finish****
End cap (Right)	ER/AHKA/***finish****

* To complete the item number, add the ***finish*** code (e.g., E 90/AHKA/**AE**).

4.22 Schluter®-DILEX-AHKA

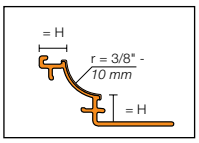
H = mm - *in.*	Item No.
	Textured color-coated aluminum (TS)
8 - *5/16*	AHKA 80 ***color****
10 - *3/8*	AHKA 100 ***color****
12.5 - *1/2*	AHKA 125 ***color****
15 - *9/16*	AHKA 150 ***color****

Accessories	Item No.
	Textured color-coated aluminum (TS)
Outside corner, 90º	E 90/AHKA/**color***
Outside corner, 135º	E 135/AHKA/**color***
Inside corner, 90º	I 90/AHKA/**color***
Inside corner, 135º	I 135/AHKA/**color***
End cap (left)	EL/AHKA/**color***
End cap (right)	ER/AHKA/**color***

*Color Codes

TSR Rustic brown · **TSDA** Dark anthracite · **TSLA** Light anthracite · **TSSG** Stone grey · **TSC** Cream
TSBG Greige · **TSI** Ivory · **TSB** Beige · **TSOB** Bronze · **TSG** Pewter

* To complete the item number, add the **color** code (e.g., Q 60 **TSC**).



4.21 Schluter®-DILEX-PHK

H = mm - *in.*	Item No.
8 - *5/16*	PHK 1S 80 ***color****
10 - *3/8*	PHK 1S 100 ***color****
12.5 - *1/2*	PHK 1S 125 ***color****

Length supplied: 8' 2-1/2" — *2.5 m*

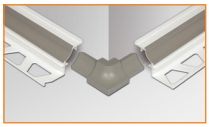
Accessories	Item No.
Outside corner, 90º	E 90/PHK 1S/***color****
Outside corner, 135º	E 135/PHK 1S/***color****
Inside corner, 90º	I 90/PHK 1S/***color****
Inside corner, 135º	I 135/PHK 1S/***color****
Connector	V/PHK
End cap	E/PHK 1S/***color****

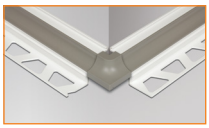
*Color Codes

BW Bright white · **W** White · **SP** Sand pebble · **BH** Bahama
HB Light beige · **PG** Classic grey · **G** Grey

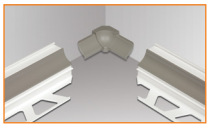
* To complete the item number, add the **color** code (e.g., PHK 1S 80 **BW**).

Outside corner



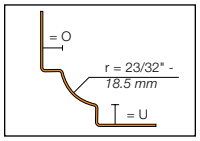


Inside Corner



Connector

End cap



4.15 Schluter®-DILEX-EHK

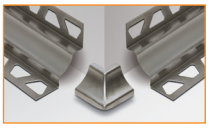
Item No.		
Stainless steel 304 (1.4301 - V2A)	**Stainless steel 316 L (1.4404 - V4A)**	**Brushed stainless steel 304 (1.4301 = V2A)**
(E)	**(EV4A)**	**(EB)**
EHK U 7/O 7	EHK U 7/O 7/V4A	EBHK U 7/O 7
EHK U 9/O 9	EHK U 9/O 9/V4A	EBHK U 9/O 9
EHK U 11/O 11	EHK U 11/O 11/V4A	EBHK U 11/O 11
-	EHK U 16/O 16/V4A	-

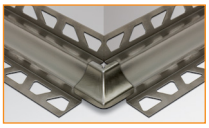
Length supplied: 8' 2-1/2" — *2.5 m*

U:	9/32" = *7 mm*	11/32" = *9 mm*	7/16" = *11 mm*	5/8" = *16 mm*
O:	9/32" = *7 mm*	11/32" = *9 mm*	7/16" = *11 mm*	5/8" = *16 mm*

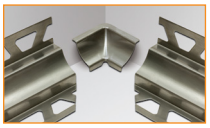
Accessories	Item No.	
	Stainless steel 316 L (1.4404 = V4A)	**Brushed stainless steel 304 (1.4301 = V2A)**
	(E)	**(EB)**
Outside corner	A/EHK 2 R18	A/EBHK 2 R18
Outside corner, 135°	E135/EHK 2 R18	E135/EBHK2R18
Inside corner (2-way)	I/EHK 2 R18	I/EBHK 2 R18
Inside corner (3-way)	I/EHK 3 R18	I/EBHK 3 R18
Inside corner, 135°	I135/EHK 2 R18	I135/EBHK2R18
Connector	V/EHK	V/EBHK
End cap	E/HKW/G *	E/HKW/G *
	***Available in grey PVC only**	

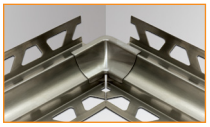
Outside Corner



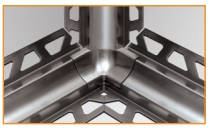


Inside Corner (2-way)

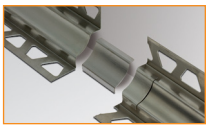


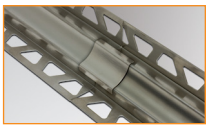


Inside Corner (3-way)

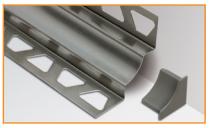


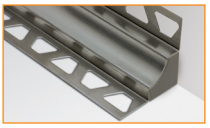
Connector

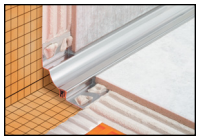


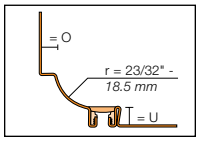


End Cap









4.15 Schluter®-DILEX-HKS

Item No.
Stainless steel 304 (1.4301 - V2A) (E)
U = floor or wall, O = wall
HKS V2A U 8 / O 7 ***color****
HKS V2A U 10 / O 7 ***color****
HKS V2A U 12 / O 7 ***color****
HKS V2A U 14 / O 7 ***color****
HKS V2A U 16 / O 7 ***color****
HKS V2A U 18 / O 7 ***color****
HKS V2A U 21 / O 7 ***color****
HKS V2A U 25 / O 7 ***color****
HKS V2A U 30 / O 7 ***color****
HKS V2A U 8 / O 9 ***color****
HKS V2A U 10 / O 9 ***color****
HKS V2A U 12 / O 9 ***color****
HKS V2A U 14 / O 9 ***color****
HKS V2A U 16 / O 9 ***color****
HKS V2A U 18 / O 9 ***color****
HKS V2A U 21 / O 9 ***color****
HKS V2A U 25 / O 9 ***color****
HKS V2A U 30 / O 9 ***color****
HKS V2A U 8 / O 11 ***color****
HKS V2A U 10 / O 11 ***color****
HKS V2A U 12 / O 11 ***color****
HKS V2A U 14 / O 11 ***color****
HKS V2A U 16 / O 11 ***color****
HKS V2A U 18 / O 11 ***color****
HKS V2A U 21 / O 11 ***color****
HKS V2A U 25 / O 11 ***color****
HKS V2A U 30 / O 11 ***color****

Length supplied: 8' 2-1/2" — *2.5 m*

Accessories	Item No.
Outside corner, 90°	A/EHK 2 R18
Inside corner, 90° (2-way)	I/EHK 2 R18
Inside corner, 90° (3-way)	I/EHK 3 R18
Outside corner, 135°	E135/EHK2R18
Inside corner, 135°	I135/EHK2R18
Connector	V/EHK
End cap	E/HKW/G (Grey only)

Note: DILEX-HKS is also available in stainless steel 316 L (1.4404 = V4A).

*Color Codes

HB Light beige
PG Classic grey
G Grey
GS Black

To complete the item number, add the ***color*** code (e.g., HKS V2A U 18/O 7 **G**).

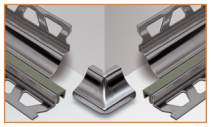
4.15 Schluter®-DILEX-HKS

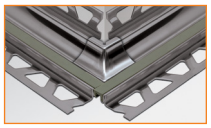
Accessories	Item No.
Stainless steel 304 (1.4301 - V2A) (E)	
90° outside corner with pre-cut profile sections	E90 V2A U **...** / O **...** + **color****
Stainless steel 316L (1.4404 = V4A) (E)	
90° outside corner with pre-cut profile sections	E90 V4A U **...** / O **...** + **color****

** To complete the item number, add the "**U**" and "**O**" values, and the **color** code (e.g., E90 V2A U **12** / O **9** **G**). Available for U = 8, 10, 12, 14 and 16 mm only.

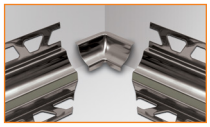
U:	5/16" = *8 mm*	3/8" = *10 mm*	15/32" = *12 mm*	17/32" = *14 mm*	5/8" = *16 mm*
	23/32" = *18 mm*	13/16" = *21 mm*	1" = *25 mm*	1-3/16" = *30 mm*	
O:	9/32" = *7 mm*	11/32" = *9 mm*	7/16" = *11 mm*		

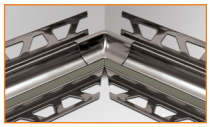
Outside Corner



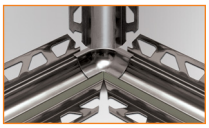


Inside Corner (2-way)

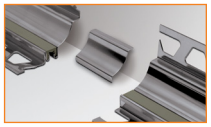


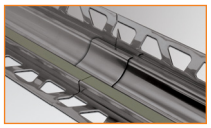


Inside Corner (3-way)

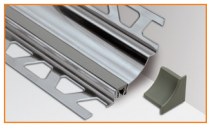


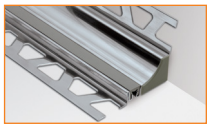
Connector





End Cap





Note: 3-way corners are to be used with DILEX-EHK on the vertical.

Schluter®-Systems Movement Joints and Cove-shaped Profiles 5-Year Limited Warranty

LIMITED WARRANTY COVERAGE: Subject to the conditions and limitations as stated in this **Schluter®-Systems Movement Joints and Cove-Shaped Profiles 5-Year Limited Warranty** (the "**Limited Warrant**y"), Schluter-Systems warrants that its Schluter®-DILEX-MOP, Schluter®-DILEX-KSN, Schluter®-DILEX-HKW, Schluter®-DILEX-MP, Schluter®-DILEX-MPV, Schluter®-DILEX-EKSB, Schluter®-DILEX-HK, Schluter®-DILEX-EZ 6+9, Schluter®-DILEX-BT, Schluter®-DILEX-BTO, Schluter®-DILEX-BTS, Schluter®-DILEX-HKU, Schluter®-DILEX-BWS, Schluter®-DILEX-AS, Schluter®-DILEX-AHK, Schluter®-DILEX-PHK, Schluter®-DILEX-BWB, Schluter®-DILEX-F, Schluter®-DILEX-BWA, Schluter®-DILEX-AHKA, Schluter®-DILEX-AKWS, Schluter®-DILEX-KSA, Schluter®-DILEX-HKS, Schluter®-DILEX-EDP, Schluter®-DILEX-EKE and Schluter®-DILEX-EHK (collectively, the "**Products**") will be free from manufacturing defects and will perform as described in the Schluter-Systems Movement Joints and Cove-Shaped Profiles Technical Data Sheet (collectively, the "**Written Materials**"[1]) for a period of five (5) years from the date of purchase when installed and used in accordance with the terms and conditions of the Written Materials and industry standard guidelines that are not in conflict with the Written Materials in effect at the time of installation.

For the purposes of this Limited Warranty, "**Owner**" is defined as the original end user of the property in which the Products are installed; and "**Tile Assembly**" is defined to include the Products, non-reusable tile surfaces, and applicable setting and grouting materials.

This Limited Warranty is only applicable to installations in the United States of America and Canada. Schluter-Systems is not responsible or liable under any circumstances for determining the suitability of the Products for the Owner's intended purpose. It is the responsibility of the Owner to consult with an experienced and professional installer to ensure the suitability of the Products, subfloor/substrate and all building materials in the installation and that the Written Materials are followed properly.

RESOLUTION: If the Products are installed and used in accordance with the terms and conditions as described hereinabove and such Products are proven defective within the applicable warranty term, the Owner's exclusive remedy and the sole obligation of Schluter-Systems, at its election, shall be to (a) reinstall or replace the failed portion of the Tile Assembly or (b) pay an amount not to exceed the original square foot cost of the installation of the Tile Assembly verified to be defective. Due to conditions beyond the control of Schluter-Systems (e.g., color and shade availability, discontinuation, normal wear and tear), Schluter-Systems cannot guarantee or warrant an exact match to the specific tile, stone, or other flooring materials used in the original installation. In such event, substantially similar materials may be substituted.

EXCLUSIONS FROM COVERAGE: This Limited Warranty excludes and in no event shall Schluter-Systems have any liability for any indirect, special, incidental, punitive, exemplary, or consequential damages, including lost profits, arising out of or otherwise connected to the failure of the Products or Tile Assembly, regardless of any strict liability or active or passive negligence of Schluter-Systems, and regardless of legal theory, whether in contract, tort, extra-contractual or other. This Limited Warranty further excludes any loss or damage arising out of or otherwise connected to: acts of war, terrorism, fire, explosion, natural disaster, acts of God, any failure to comply with the Written Materials, inadequate subfloor/substrate, improper preparation or other failure of subfloor/substrate, faulty or negligent penetration of the Products or subfloor/substrate, intentional acts of destruction, structural failure, misuse of or failure to maintain the Products, normal wear and tear, scratches, dents, corrosion or discoloration (whether caused by excessive heat, chemical cleaning products, abrasive agents or otherwise), efflorescence and shading which are a natural occurrence with cementitious materials and are not considered a defective condition for the purposes of this Limited Warranty, variations of texture, color or shade from those on product samples, packaging materials or other marketing materials, or other causes unrelated to the Products (e.g. tile covering failure, excess point loading, overvoltage). This Limited Warranty excludes exterior applications and applications utilizing glass tile or other non-approved tile coverings, unless specifically approved in writing on a case by case basis by the Schluter-Systems Technical Services Director.

This Limited Warranty is conditioned and will be considered null and void and Schluter-Systems will have the right to refuse any claims if: (a) the Products have been improperly stored or installed, or (b) the Products are subject to abusive or abnormal use, lack of maintenance, or used in a manner other than that for which the Products were designed or in any way contrary to the Written Materials.

DISCLAIMER: There are no warranties beyond this expressed warranty as stated herein. To the extent permitted by law, all other warranties, representations or conditions, expressed or implied, are hereby disclaimed and excluded, including but not limited to the implied warranties of **MERCHANTABILITY** or **FITNESS FOR A PARTICULAR PURPOSE** (as limited to such purposes as described in the Written Materials) or arising from a course of dealing, usage of trade or otherwise by law. ANY IMPLIED WARRANTIES ARISING BY OPERATION OF LAW ARE LIMITED IN DURATION TO THE TERM OF THIS LIMITED WARRANTY. NO REPRESENTATION, PROMISE, AFFIRMATION OR STATEMENT BY ANY EMPLOYEE OR AGENT OF SCHLUTER-SYSTEMS WILL BE ENFORCEABLE AGAINST SCHLUTER-SYSTEMS UNLESS IT IS SPECIFICALLY INCLUDED IN THIS LIMITED WARRANTY OR AUTHORIZED IN WRITING BY THE SCHLUTER-SYSTEMS TECHNICAL SERVICES DIRECTOR. This Limited Warranty is given in lieu of any other warranty, whether expressed or implied. The remedies contained herein are the only remedies available for breach of this Limited Warranty. This Limited Warranty extends only to the Owner and is not transferable or assignable unless authorized by written agreement and signed by the Schluter-Systems Technical Services Director or otherwise prohibited by specific state or provincial law. This Limited Warranty gives you specific legal rights; some states and provinces do not allow disclaimers or other restrictions of implied warranties; some of the above disclaimers may not apply to you. No changes or modifications of any terms or conditions of this Limited Warranty are permitted unless duly authorized in writing by the Schluter-Systems Technical Services Director. This Limited Warranty shall supersede and replace any and all prior oral or written warranties, agreements, or other representations made by or on behalf of Schluter-Systems relative to the Products or the application of the Products and shall apply to any installation occurring on or after April 8, 2019. If the Products are used in conjunction with other Schluter products, a different Schluter warranty may apply. For the most current information and materials regarding Schluter-Systems warranties and programs, please visit https://www.schluter.com/schluter-us/en_US/downloadfiles.

MAKING A CLAIM: To make a claim under this Limited Warranty, the Owner must provide Schluter-Systems[2] with written notice within thirty (30) days of any alleged defect in the Products covered by this Limited Warranty, together with date and proof of purchase of such Products and/or all of its components and name and address of all installers and all invoices related to the original installation, failing which this Limited Warranty shall have no legal effect[3]. Schluter-Systems reserves the right at its election and as a condition of this Limited Warranty to inspect the alleged failed and/or defective Products.

All U.S. Claims shall be sent to:

Schluter Systems L.P.
Attn: Warranty Claims Dept.
194 Pleasant Ridge Road
Plattsburgh, NY 12901-5841

All Canadian Claims shall be sent to:

Schluter Systems (Canada), Inc.
Attn: Warranty Claims Dept.
21100 chemin Ste-Marie
Ste-Anne-de-Bellevue, QC H9X 3Y8

[1] If there are any conflicting terms between any Written Materials, the most recently updated document shall be deemed to control.

[2] This Limited Warranty is limited to sales of the Products made in and intended for use in the United States and Canada. For the purposes of this Limited Warranty, Schluter Systems L.P. shall offer warranty coverage to Owners located in the United States, and Schluter Systems (Canada) Inc. shall offer warranty coverage to Owners located in Canada.

[3] In the event that Owner fails to provide such required invoices relating to the original installation, Schluter-Systems shall pay Owner an amount equal to the average, reasonable costs of a comparable installation. If the parties fail to agree on such amount, such dispute shall promptly, and in the first instance, be submitted: (a) if a U.S. claim, to arbitration in Clinton County, New York, in accordance with the rules of the American Arbitration Association, or (b) if a Canadian claim, in the Province of Quebec, Canada, in accordance with the ADRIC Arbitration Rules. Any outcome of such arbitration proceeding shall be final and binding upon the parties hereto.

Schluter Systems L.P. 194 Pleasant Ridge Rd. | Plattsburgh, NY | 12901-5841 800-472-4588 800-477-9783
Schluter Systems (Canada) Inc. 21100 chemin Ste-Marie | Ste-Anne-de-Bellevue, QC | H9X 3Y8 800-667-8746 877-667-2410
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