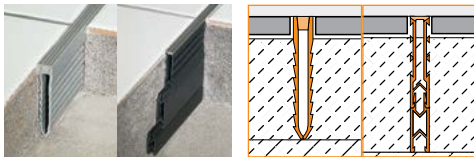


# MOVEMENT JOINTS AND COVE-SHAPED PROFILES

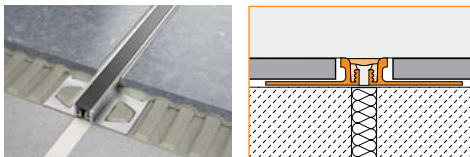


INNOVATIVE SOLUTIONS FOR CERAMIC AND STONE TILE

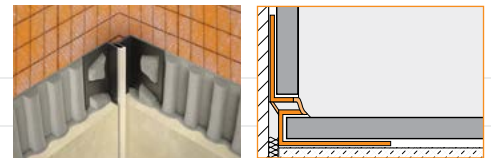
MAINTENANCE-FREE MOVEMENT ACCOMMODATION AND COVE TREATMENT



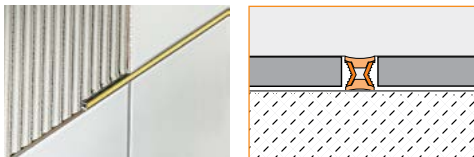
4.4 Schluter®-DILEX-MOP/ MP/-MPV



4.8 Schluter®-DILEX-KSN



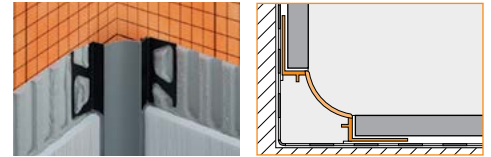
4.13 Schluter®-DILEX-EKE



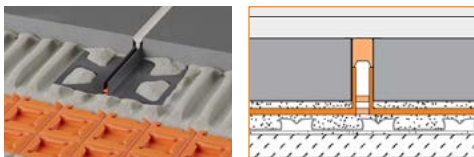
4.1 Schluter®-DILEX-EZ 6+9



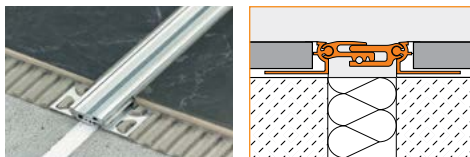
4.8 Schluter®-DILEX-EKSB



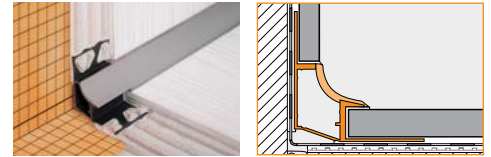
4.12 Schluter®-DILEX-HKW



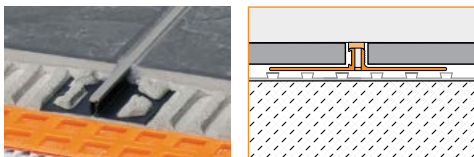
4.23 Schluter®-DILEX-F



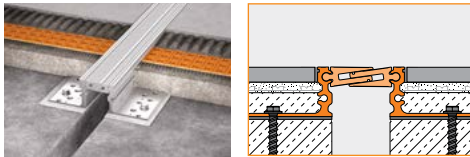
4.20 Schluter®-DILEX-BT



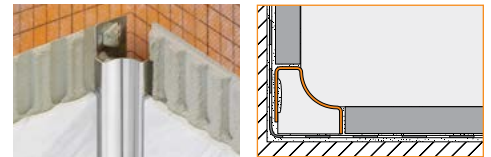
4.11 Schluter®-DILEX-HK



4.7 Schluter®-DILEX-BWS



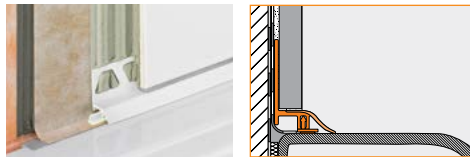
4.24 Schluter®-DILEX-STF



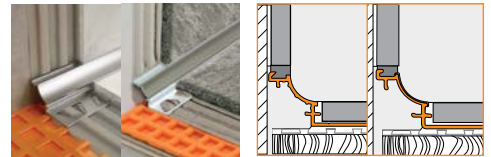
4.22 Schluter®-DILEX-HKU



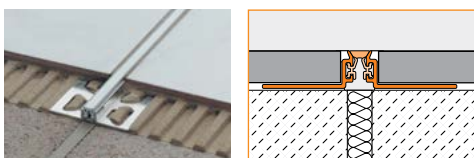
4.6 Schluter®-DILEX-BWB



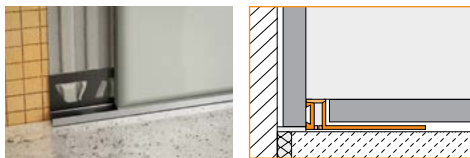
4.10 Schluter®-DILEX-AS



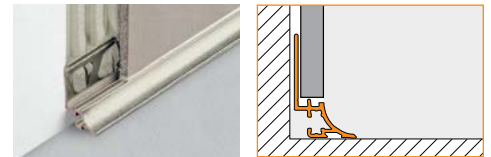
4.21 Schluter®-DILEX-AHK/-PHK



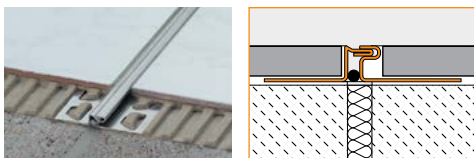
4.18 Schluter®-DILEX-AKWS



4.9 Schluter®-DILEX-BWA



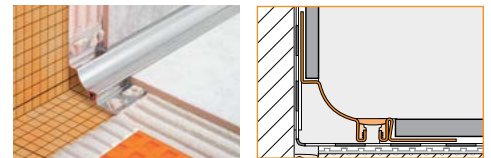
4.22 Schluter®-DILEX-AHKA



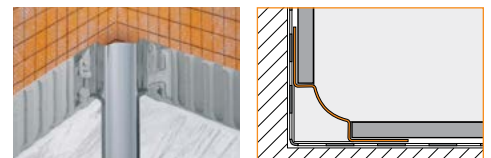
4.16 Schluter®-DILEX-EDP



4.9 Schluter®-DILEX-KSA



4.15 Schluter®-DILEX-HKS



4.15 Schluter®-DILEX-EHK

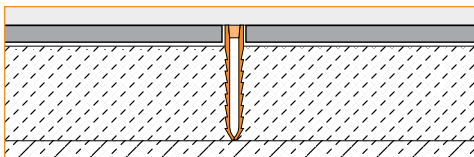


Movement joints are an integral part of any tile assembly. The various components of a tile assembly (tile, mortar, substrate, etc.) expand and contract according to each component's intrinsic physical properties with changes in moisture, temperature, and loading, resulting in internal stresses. Furthermore, 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

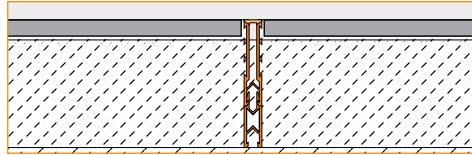
### Mortar Bed Joint Profiles

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.

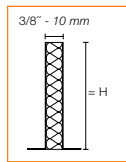


**4.4 Schluter®-DILEX-MOP** is available in three different heights and features stable serrated sidewalls made of rigid PVC and a central movement zone made of soft PVC. The side sections are made with environmentally friendly recycled PVC and may vary slightly

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.



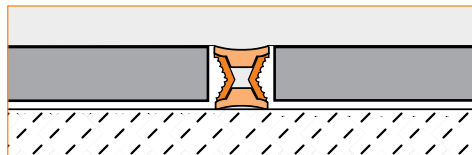
**9.1 Schluter®-DILEX-DFP** is a movement joint profile for installation at door areas or to divide screed surfaces.

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

### Surface Joint Profiles

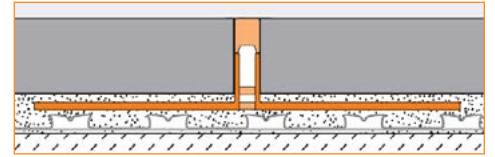
Surface joints must be placed within the tiled surface regardless of substrate conditions. They provide stress relief from movements in the tile field due to thermal and moisture expansion/contraction and loading. Schluter®-Systems offers a wide variety of prefabricated, maintenance-free surface movement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

### Residential to Medium-duty Commercial Applications

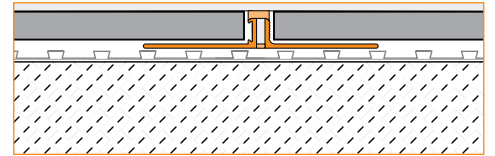


**4.1 Schluter®-DILEX-EZ 6 + 9** feature rigid PVC side walls, which are connected on top and bottom by soft PVC movement zones that form the visible surfaces. These profiles separate individual fields in the tile covering and accommodate movement through the soft PVC movement zones. Each profile features 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

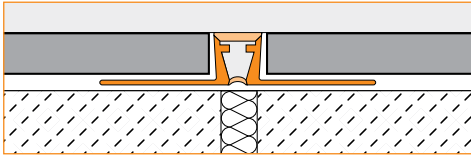
in the PVC movement zone. DILEX-EZ 6 and 9 are flexible and can be used to form curves. The height, "H", of DILEX-EZ 6 is 1/4" (6 mm); the height, "H", of DILEX-EZ 9 is 11/32" (9 mm).



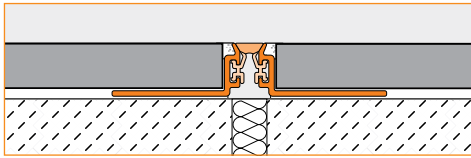
**4.23 Schluter®-DILEX-F** is a surface joint profile with rigid PVC anchoring legs that protect tile edges and a 1/8" (3 mm)-wide, soft silicone movement zone that separates individual fields in the tile covering and forms the visible surface. DILEX-F features the ability to remove and replace its inlay 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).

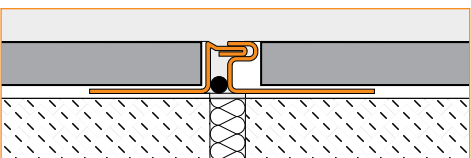


**4.6 Schluter®-DILEX-BWB** features trapezoid-perforated anchoring legs, made of recycled rigid PVC, which are secured in the mortar bond coat and provide edge protection for adjacent tiles. The profile separates individual fields in the tile covering and accommodates movement via the soft chlorinated 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).



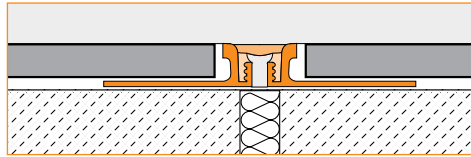
**4.18 Schluter®-DILEX-AKWS** features trapezoid-perforated anchoring legs, made of aluminum, which are secured in the mortar bond coat and provide edge protection for adjacent tiles. The profile separates individual fields in the tile covering and accommodates movement via the 1/4" (6 mm)-wide, soft 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

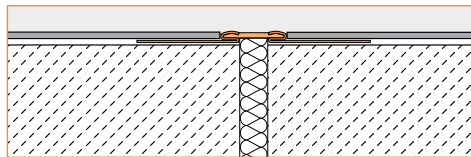


**4.16 Schluter®-DILEX-EDP** features trapezoid-perforated anchoring legs, made of stainless steel, which are secured in the mortar

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.

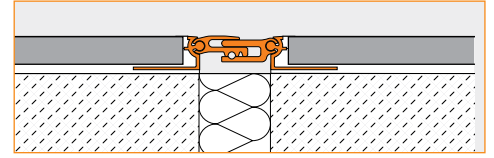


**4.8 Schluter®-DILEX-KSN** features trapezoid-perforated anchoring legs, made of stainless steel or aluminum, which are secured in the mortar bond coat and provide edge protection for adjacent tiles. The profile separates individual fields in the tile covering and accommodates movement via the 7/16" (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).

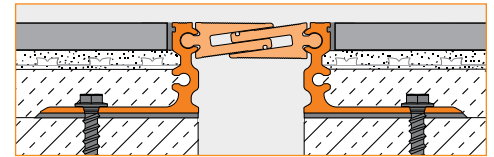


**Schluter®-DILEX-EKSB**, featuring stainless steel anchoring legs, is available in 3/32" (2.5 mm), 3/16" (4.5 mm), and 1/4" (6 mm) heights to accommodate thinner floor coverings (e.g., VCT flooring or coatings). DILEX-EKSB is appropriate for residential to medium-duty commercial applications. **Note:**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

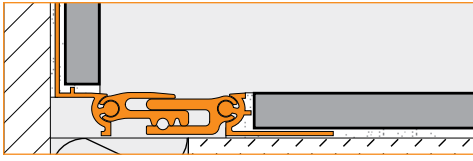
### Expansion Joint Profiles



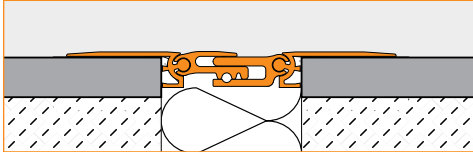
**4.20 Schluter®-DILEX-BT** features trapezoid-perforated anchoring legs, made of anodized aluminum, which are secured in the mortar bond coat and provide edge protection for adjacent tiles against mechanical stresses. The anchoring legs can also be integrated into the mortar bed for other covering materials, 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.



**4.24 Schluter®-DILEX-STF** is a maintenance-free expansion joint profile system made of aluminum. The profile assembly comes pre-drilled, secured, and aligned with brackets at the installation width. The profile anchoring legs secure to the substrate with concrete anchoring screws. Mortar and floor coverings are applied over the anchoring leg. The interlocking center section allows movements of ± 1/4" (6 mm) [with a joint width of 1-9/16" (40 mm)] or ± 3/8" (10 mm) [with a joint width of 2" (50 mm)]. The telescoping center components allow for the absorption of movement in three dimensions. DILEX-STF is for use in areas exposed to heavy foot, vehicle and industrial traffic, e.g. in warehouses and production facilities, shopping centers, airports, train stations, multi-story parking garages, or for surfaces cleaned by machine.



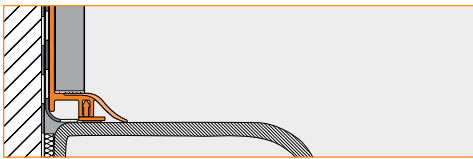
**Schluter®-DILEX-BT/O**, one variation of the profile, can be used to create expansion joints at floor/wall transitions. A second variation,



**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.

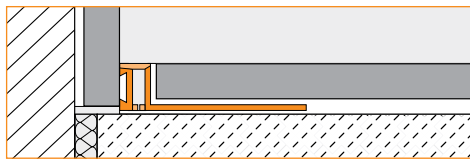
### Perimeter Joint Profiles

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.

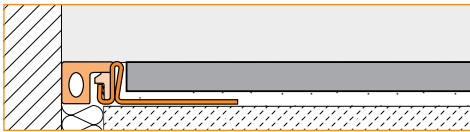


**4.10 Schluter®-DILEX-AS** features a trapezoid-perforated anchoring leg, made of rigid PVC, which is secured in the mortar bond coat beneath the tiles, and a flexible joining leg with self-adhesive tape to bond the profile to fixed building elements. The profile isolates the tile covering from the 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.

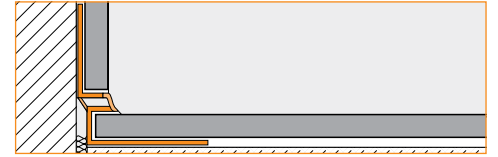


**4.9 Schluter®-DILEX-KSA** features a trapezoid-perforated anchoring leg, made of stainless steel or aluminum, which is secured in the mortar bond coat and provides edge protection for adjacent tiles, and a self-adhesive backing strip which can be bonded to fixed building elements (e.g., door and window 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.

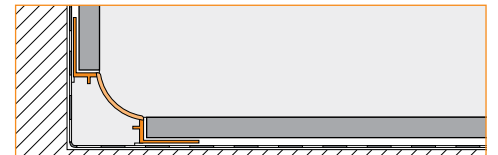
### Cove-shaped Profiles

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

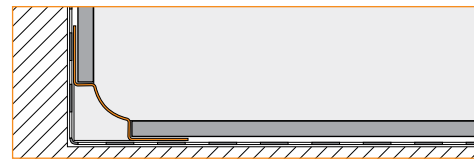
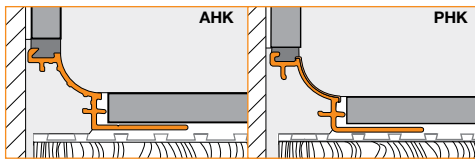
the installation. DILEX cove-shaped profiles provide an attractive, clean, and maintenance-free alternative for inside wall corners and floor/wall (including countertop/backsplash) transitions. They also allow the use of any tile line, regardless of the availability of trim pieces.



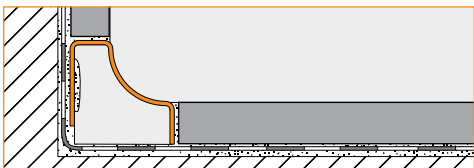
**4.13 Schluter®-DILEX-EKE** features trapezoid-perforated anchoring legs, made of recycled rigid PVC, which are secured in the mortar bond coat. The profile separates tile fields that meet at inside corners and accommodates movement via the 3/16" (5 mm)-wide soft chlorinated polyethylene (CPE) movement 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.



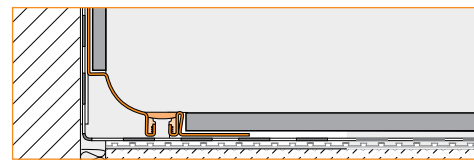
**4.22 Schluter®-DILEX-HKU** features a single trapezoid-perforated anchoring leg that turns inward, which is secured in the mortar bond coat, and a stainless steel cove section that forms the visible surface. The profile's 3/8" (10 mm) or 1-13/32" (36 mm) radius prevents the accumulation of dirt and 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 contaminants. 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.

##### **STF**

1. Select the appropriate DILEX-STF profile for the construction joint width and the finish height of the floor surface. The profile should be installed slightly below the floor surface (never proud). The anchoring legs must not protrude into the construction

joint. **Note:** Do not remove the alignment brackets until the anchoring screws are installed.

2. If the substrate is not flat or height compensation is required, level the anchoring leg surface using a shrinkage-free mortar. Ensure the joint is free of all setting materials.
3. Set the profile in position, ensuring it is aligned well to the construction joint and level completely.
4. Anchor both sides of the profile. Alternating sides install one masonry anchor screw every 6" (152 mm) inches along the entire length of the profile, this will result in a screw every 12" (300 mm) on each anchoring leg, in an alternating pattern. For the 7/8" (22 mm) height DILEX-STF, use flat countersink head screws and countersink hole per manufacturer recommendations.
5. Remove the alignment brackets, then complete the mortar bed installation, membrane, and floor coverings per standard methods while leaving a gap for flexible sealant along the edge of the profile.
6. Fill the gap along the profile with flexible sealant then immediately remove the protective tape from the top surface of the profile.

#### **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 thickness and format.



- Using a notched trowel, apply thin-set mortar over the area where the profile is to be placed.
- 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.
- Press the perforated anchoring leg of the profile into the mortar and adjust it securely against the existing building elements.
- Trowel additional thin-set mortar over the perforated anchoring leg to ensure full coverage and support of the tile edges.
- Solidly embed the tiles and align flush with the top of the profile.
- A joint of approx.  $1/16'' - 1/8''$  ( $1.5 - 3 \text{ mm}$ ) should be left between the tile and the profile.
- Fill the joint completely with grout or setting material.

### Cove-shaped Profiles

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

- 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 thickness between approx.  $3/8''$  ( $10 \text{ mm}$ ) and  $7/16''$  ( $11 \text{ mm}$ ). DILEX-HKU with  $3/8''$  ( $10 \text{ mm}$ ) radius may be used with  $1/4''$  ( $6 \text{ mm}$ ) and thicker tiles. DILEX-HKU with  $1-13/32''$  ( $36 \text{ mm}$ ) radius may be used with  $5/16''$  ( $8 \text{ mm}$ ) and thicker tiles.
- 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.
- Press the perforated anchoring leg(s) of the profile into the mortar.
- 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  $3/8''$  ( $10 \text{ mm}$ ).

#### Notes:

Internal connectors for DILEX-HKU are inserted prior to profile installation. Leave approximately a  $1/2''$  ( $12.5 \text{ mm}$ ) 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).

- Trowel additional thin-set mortar where the tiles are to be installed.
- 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  $1/16'' - 1/8''$  ( $1.5 - 3 \text{ mm}$ ) 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  $1/16'' - 1/8''$  ( $1.5 - 3 \text{ mm}$ ) between the tile and the profile.
- 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**

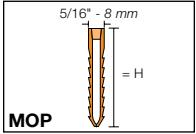


**4.4 Schluter®-DILEX-MOP**

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



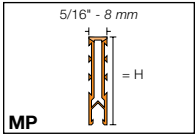
MOP



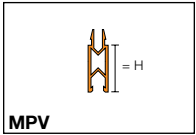
**4.3 Schluter®-DILEX-MP**

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

Length supplied: 8' 2-1/2" — 2.5 m



MP

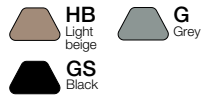


MPV

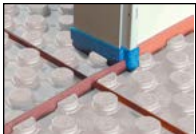
**4.3 Schluter®-DILEX-MPV**

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

**\*Color Codes**



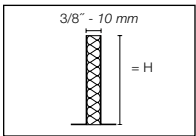
To complete the item number, add the *color* code (e.g., MP 35 **G**).



**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

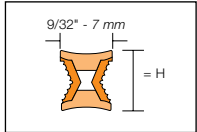




**Surface Joint Profiles**  
Residential to Medium-Duty Commercial Applications



4.1 Schluter®-DILEX-EZ 6	
H = mm - in.	Item No.
6 - 1/4	EZ <i>color*</i> 6



4.1 Schluter®-DILEX-EZ 9	
H = mm - in.	Item No.
9 - 11/32	EZ <i>color*</i> 9

Length supplied: 8' 2-1/2" – 2.5 m

**\*Color Codes**

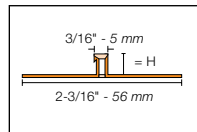
G Grey CG Yellow

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 <i>color*</i>
6 - 1/4	BWS 60 <i>color*</i>
8 - 5/16	BWS 80 <i>color*</i>
9 - 11/32	BWS 90 <i>color*</i>
10 - 3/8	BWS 100 <i>color*</i>
11 - 7/16	BWS 110 <i>color*</i>
12.5 - 1/2	BWS 125 <i>color*</i>



Length supplied: 8' 2-1/2" – 2.5 m

**\*Color Codes**

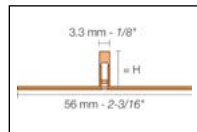
BW Bright white SP Sand pebble HB Light beige PG Classic grey G Grey GS Black

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 90
10 - 3/8	FCS 100
11 - 7/16	FCS 110
12.5 - 1/2	FCS 125



Length supplied: 8' 2-1/2" – 2.5 m

Accessories	Item No.
Silicone inlay	FIS 300 <i>color*</i>

Length supplied: 100' – 31 m

**\*Color Codes**

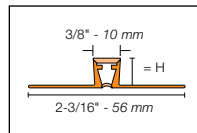
BW Bright white SP Sand pebble HB Light beige PG Classic grey G Grey GS Black

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 <i>color*</i>
8 - 5/16	BWB 80 <i>color*</i>
10 - 3/8	BWB 100 <i>color*</i>
12.5 - 1/2	BWB 125 <i>color*</i>
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**

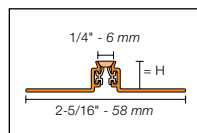
BW Bright white SP Sand pebble HB Light beige PG Classic grey G Grey GS Black

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.
10 - 3/8	AKWS 100 <i>color*</i>
11 - 7/16	AKWS 110 <i>color*</i>
12.5 - 1/2	AKWS 125 <i>color*</i>
14 - 17/32	AKWS 140 <i>color*</i>
16 - 5/8	AKWS 160 <i>color*</i>
21 - 13/16	AKWS 210 <i>color*</i>



Length supplied: 8'2-1/2" – 2.5 m

**\*Color Codes**

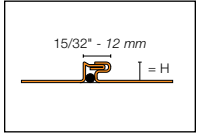
SP Sand pebble HB Light beige PG Classic grey

G Grey GS Black

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



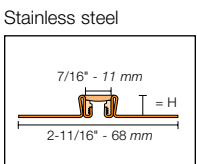
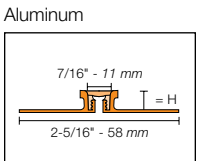
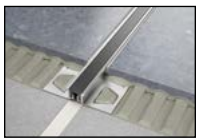
Heavy-duty Commercial Applications



4.16 Schluter®-DILEX-EDP

H = mm - in.	Item No.
10 - 3/8	EDP 100
11 - 7/16	EDP 110
12.5 - 1/2	EDP 125
16 - 5/8	EDP 160
21 - 13/16	EDP 210

Length supplied: 8' 2-1/2" – 2.5 m



4.8 Schluter®-DILEX-KSN

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

Length supplied: 8' 2-1/2" – 2.5 m

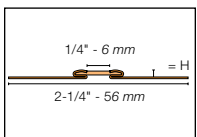
Accessories	Item No.
Rubber insert replacement	KSE / <i>color*</i>

\*Color Codes



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 <i>color*</i>
4.5 - 3/16	EKSB 45 <i>color*</i>
6 - 1/4	EKSB 60 <i>color*</i>

Length supplied: 8' 2-1/2" – 2.5 m

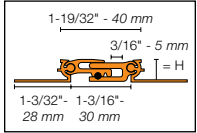
\*Color Codes



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

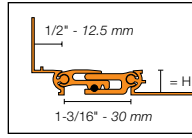


**4.20 Schluter®-DILEX-BT**



H = mm - in.	Item No.
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

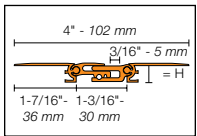
Length supplied: 8' 2-1/2" - 2.5 m



**4.20 Schluter®-DILEX-BTO**

H = mm - in.	Item No.
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

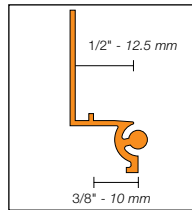
Length supplied: 8' 2-1/2" - 2.5 m



**4.20 Schluter®-DILEX-BTS**

H = mm - po.	Item No.
10 - 3/8	AEBTS 100

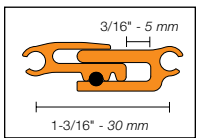
Length supplied: 8' 2-1/2" - 2.5 m



**Schluter®-DILEX-BT/OT**

mm - in.	Item No.
12.5 - 1/2	AEBTO 125

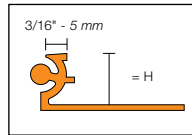
Length supplied: 8' 2-1/2" - 2.5 m



**Schluter®-DILEX-BT/-MT**

mm - in.	Item No.
30 - 1-3/16	AEBT 30 MT

Length supplied: 8' 2-1/2" - 2.5 m



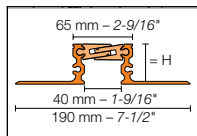
**4.20 Schluter®-DILEX-BT/VT**

H = mm - in.	Item No.
8 - 5/16	A EVT 80
10 - 3/8	A EVT 100
12.5 - 1/2	A EVT 125
15 - 9/16	A EVT 150
17.5 - 11/16	A EVT 175
20 - 3/4	A EVT 200

Length supplied: 8' 2-1/2" - 2.5 m

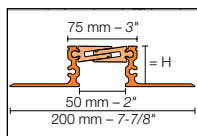


**4.24 Schluter®-DILEX-STF 40**



H = mm - in.	Item No.
22 - 7/8	ASTF 22 40/300
40 - 1-9/16	ASTF 40 40/300
52 - 2-1/16	ASTF 52 40/300

Length supplied: 10' - 3.05 m

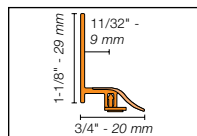


**4.24 Schluter®-DILEX-STF 50**

H = mm - in.	Item No.
22 - 7/8	ASTF 22 50/300
40 - 1-9/16	ASTF 40 50/300
52 - 2-1/16	ASTF 52 50/300

Length supplied: 10' - 3.05 m

## Perimeter Joint Profiles



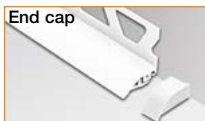
### 4.10 Schluter®-DILEX-AS

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

#### Color Code



End cap

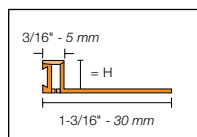


Inside Corner



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

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



### 4.9 Schluter®-DILEX-BWA

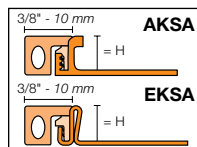
H = mm - in.	Item No.
4.5 - 3/16	BWA 45 <i>color*</i>
6 - 1/4	BWA 60 <i>color*</i>
8 - 5/16	BWA 80 <i>color*</i>
10 - 3/8	BWA 100 <i>color*</i>
12.5 - 1/2	BWA 125 <i>color*</i>

Length supplied: 8' 2-1/2" - 2.5 m

#### \*Color Codes



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)	Stainless steel 316 L (1.4404 = V4A) (EV4A)	Aluminum (A)
8 - 5/16	EKSA 80 <i>color*</i>	EKSA 80 <i>color*</i> /V4A	AKSA 80 <i>color*</i>
10 - 3/8	EKSA 100 <i>color*</i>	EKSA 100 <i>color*</i> /V4A	AKSA 100 <i>color*</i>
11 - 7/16	EKSA 110 <i>color*</i>	-	AKSA 110 <i>color*</i>
12.5 - 1/2	EKSA 125 <i>color*</i>	EKSA 125 <i>color*</i> /V4A	AKSA 125 <i>color*</i>
14 - 17/32	EKSA 140 <i>color*</i>	EKSA 140 <i>color*</i> /V4A	AKSA 140 <i>color*</i>
16 - 5/8	EKSA 160 <i>color*</i>	EKSA 160 <i>color*</i> /V4A	-
18.5 - 23/32	EKSA 185 <i>color*</i>	-	-
21 - 13/16	EKSA 210 <i>color*</i>	-	-
25 - 1	EKSA 250 <i>color*</i>	-	-
30 - 1-3/16	EKSA 300 <i>color*</i>	-	-

Length supplied: 8' 2-1/2" - 2.5 m

Accessories	Item No.
Rubber insert replacement	KSAE/ <i>color*</i>

#### \*Color Codes



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

Cove-shaped Profiles

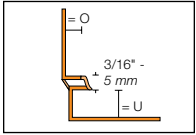


4.13 Schluter®-DILEX-EKE

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

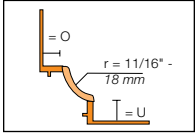


4.12 Schluter®-DILEX-HKW

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

- Outside corner
- Inside corner (2-way)
- Inside corner (3-way)
- End cap

Item No.

- A/HKW/*color\**
- I/HKW 2 R18 *color\**
- I/HKW 3 R18 *color\**
- 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**).

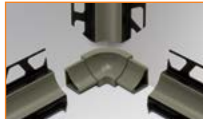
Outside Corner



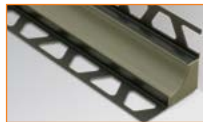
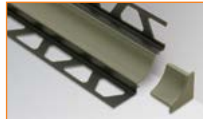
Inside Corner (2-way)



Inside Corner (3-way)



End Cap



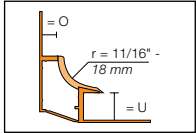


### 4.11 Schluter®-DILEX-HK

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

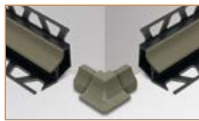


To complete the item number, add the *color* code (e.g., HK U 12/O 9 **BW**).

### Accessories

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

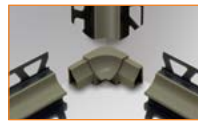
Outside Corner



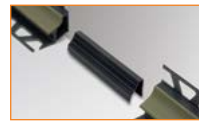
Inside Corner (2-way)



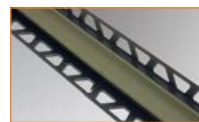
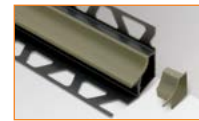
Inside Corner (3-way)



Connector



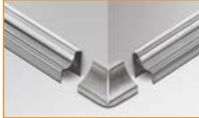
End Cap



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

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

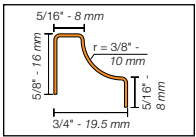
Outside Corner



Inside Corner (2- or 3-way)



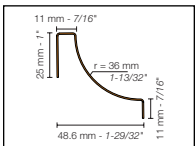
Connector



### Accessories

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

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



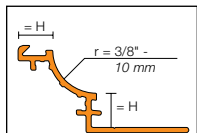
### 4.22 Schluter®-DILEX-HKU (36 mm - 1-13/32" radius)

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

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



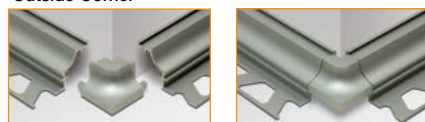
**4.21 Schluter®-DILEX-AHK**

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	-

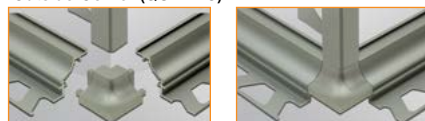
H = mm - in.	Item No.				
	Brushed nickel anodized aluminum (ATGB)	Satin copper anodized aluminum (AK)	Polished copper anodized aluminum (AKG)	Brushed copper anodized aluminum (AKGB)	Satin brass anodized aluminum (AM)
8 - 5/16	AHK 1S 80 ATGB	AHK 1S 80 AK	AHK 1S 80 AKG	AHK 1S 80 AKGB	AHK 1S 80 AM
10 -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

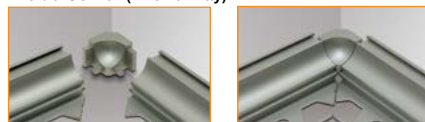


Outside Corner (QUADEC)



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

Inside Corner (2- or 3-way)



Connector



End cap



\* 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.	Accessories	Item No.
	Textured color-coated aluminum (TS)		Textured color-coated aluminum (TS)
8 - 5/16	AHK 1S 80 <i>color</i> *	Outside corner, 90°	E 90/AHK 1S/ <i>color</i> *
10 - 3/8	AHK 1S 100 <i>color</i> *	Outside corner, 90° (to match Schluter®-QUADEC profile)	E90 Q/AHK 1S/ <i>color</i> *
12.5 - 1/2	AHK 1S 125 <i>color</i> *	Outside corner, 135°	E 135/AHK 1S/ <i>color</i> *
15 - 9/16	AHK 1S 150 <i>color</i> *	Inside corner, 90°	I 90/AHK 1S/ <i>color</i> *
		Inside corner, 135°	I 135/AHK 1S/ <i>color</i> *
		Connector	V/AHK
		End cap	E/AHK 1S/ <i>color</i> *

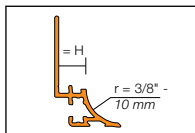
Length supplied: 8' 2-1/2" — 2.5 m

**\*Color Codes**



\* To complete the item number, add the *color* code (e.g., AHK 1S 80 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, 90°	E 90/AHKA/ <i>finish</i> *
Outside corner, 135°	E 135/AHKA/ <i>finish</i> *
Inside corner, 90°	I 90/AHKA/ <i>finish</i> *
Inside corner, 135°	I 135/AHKA/ <i>finish</i> *
End cap (Left)	EL/AHKA/ <i>finish</i> *
End cap (Right)	ER/AHKA/ <i>finish</i> *

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

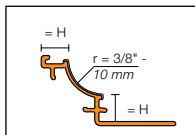
### 4.22 Schluter®-DILEX-AHKA

H = mm - in.	Item No.	Accessories	Item No.
	Textured color-coated aluminum (TS)		Textured color-coated aluminum (TS)
8 - 5/16	AHKA 80 <i>color</i> *	Outside corner, 90°	E 90/AHKA/ <i>color</i> *
10 - 3/8	AHKA 100 <i>color</i> *	Outside corner, 135°	E 135/AHKA/ <i>color</i> *
12.5 - 1/2	AHKA 125 <i>color</i> *	Inside corner, 90°	I 90/AHKA/ <i>color</i> *
15 - 9/16	AHKA 150 <i>color</i> *	Inside corner, 135°	I 135/AHKA/ <i>color</i> *
		End cap (left)	EL/AHKA/ <i>color</i> *
		End cap (right)	ER/AHKA/ <i>color</i> *

#### \*Color Codes



\* To complete the item number, add the *color* code (e.g., AHKA 80 TSC).



### 4.21 Schluter®-DILEX-PHK

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

Length supplied: 8' 2-1/2" — 2.5 m

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

#### \*Color Codes

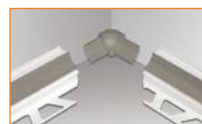


\* To complete the item number, add the *color* code (e.g., PHK 1S 80 BW).

Outside corner



Inside Corner

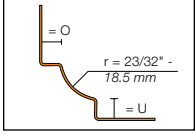
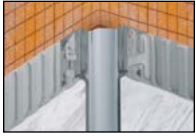


Connector



End cap





**4.15 Schluter®-DILEX-EHK**

Item No.		
<b>Stainless steel 304 (1.4301 - V2A)</b>	<b>Stainless steel 316 L (1.4404 - V4A)</b>	<b>Brushed stainless steel 304 (1.4301 = V2A) (EB)</b>
<b>(E)</b>	<b>(EV4A)</b>	
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

<b>U:</b>	9/32" = 7 mm	11/32" = 9 mm	7/16" = 11 mm	5/8" = 16 mm
<b>O:</b>	9/32" = 7 mm	11/32" = 9 mm	7/16" = 11 mm	5/8" = 16 mm

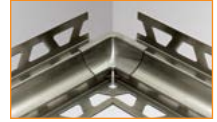
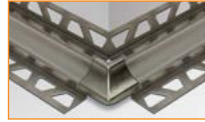
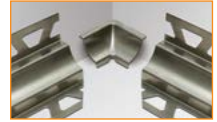
Accessories	Item No.	
	Stainless steel 316 L (1.4404 = V4A)	Brushed stainless steel 304 (1.4301 = V2A) (EB)
Outside corner	A/EHK 2 R18	A/EBHK 2 R18
Outside corner, 135°	E135/EHK 2 R18	E135/EBHK2R18
Inside corner (2-way)	I/EHK 2 R18	I/EBHK 2 R18
Inside corner (3-way)	I/EHK 3 R18	I/EBHK 3 R18
Inside corner, 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



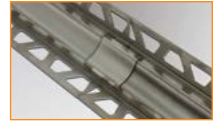
Inside Corner (2-way)



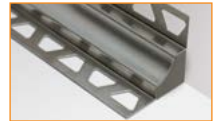
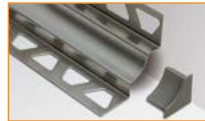
Inside Corner (3-way)

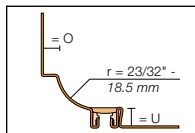


Connector



End Cap





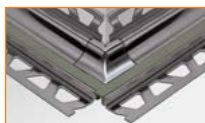
#### 4.15 Schluter®-DILEX-HKS

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

Length supplied: 8' 2-1/2" – 2.5 m

<b>U:</b>	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	
<b>O:</b>	9/32" = 7 mm	11/32" = 9 mm	7/16" = 11 mm		

Outside Corner



Inside Corner (2-way)



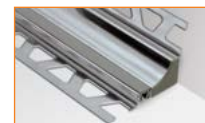
Inside Corner (3-way)



Connector



End Cap



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

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 ( <i>Grey only</i> )

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

#### \*Color Codes



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.
<b>Stainless steel 304 (1.4301 - V2A) (E)</b>	
90° outside corner with pre-cut profile sections	E90 V2A U ... / O ... + <i>color**</i>
<b>Stainless steel 316L (1.4404 = V4A) (E)</b>	
90° outside corner with pre-cut profile sections	E90 V4A U ... / O ... + <i>color**</i>

\*\* 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.

## WARRANTIES

Schluter-Systems products and systems are covered under our warranty program, as applicable. For details and to access Schluter Systems' warranty documents:

Visit [www.schluter.com/warranties](http://www.schluter.com/warranties)

Or scan here



To obtain hard copies, please contact Customer Service at: 800-472-4588 (USA) or 800-667-8746 (Canada).



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